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FROM

Rufus R. Wade,
Chief Mass. district police

20 Jan. 1900.

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COMPLIMENTS OF . . . . . .

Rufus R. Wade,

CHIEF MASS. DISTRICT POLICE.

. . AND . .

CHIEF INSPECTOR OF FACTORIES

. . AND PUBLIC BUILDINGS.

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Harvard College Library

FROM

Rufus R. Wade,

[redacted] Mass. district police

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PUBLIC DOCUMENT . . . . . No. 32.

REPORT OF THE CHIEF

OF

MASSACHUSETTS DISTRICT POLICE

FOR THE

YEAR ENDING DECEMBER 31, 1899,

INCLUDING

THE INSPECTION DEPARTMENT AND THE DETECTIVE DEPARTMENT.

BOSTON:
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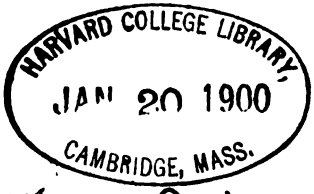

Rufus R. Wade,
Chief of Police.

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Commonwealth of Massachusetts.

OFFICE OF THE CHIEF OF THE DISTRICT POLICE,
BOSTON, Jan. 1, 1900.

To His Excellency W. MURRAY CRANE, *Governor of the Commonwealth.*

GOVERNOR: — I have the honor to submit a report of the duties performed by the District Police for the year ending Dec. 31, 1899.

Very respectfully, your obedient servant,

RUFUS R. WADE,
Chief of District Police.

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Commonwealth of Massachusetts.

REPORT.

In discharging the duties of my official station as chief of the district police, I beg leave to submit to Your Excellency my twenty-first annual report, comprising as full a statement as practicable of the duties performed by the members of this department of the public service during the year just past. I shall likewise venture to add such suggestions and recommendations as seem reasonable and necessary.

The policy of the Commonwealth to provide for the enforcement of the laws in relation to the employment and protection of labor, especially that of women and children; the sanitation and safety of the places where such labor is done; the schooling of minors so employed, and the many kindred provisions of law, by the existing system of the district police has become so well established that no serious proposition has ever been made to radically change or abolish it. These statutes, affecting the welfare of the great mass of our industrial population, would become practically inoperative unless maintained by the same authority that enacted them. Left to local authorities of the several cities and towns of the Commonwealth for enforcement, it would not be long before selfish interests would nullify them or clamor for their repeal. That this is not a fanciful suggestion is evident from the history of this department in the matter of requiring suitable sanitation of school-houses, and the adoption of measures imperatively demanded by the health of school children.

Inspectors have called attention to the gravest defects in drainage and ventilation; the teachers have been brought into daily familiarity with the evils mentioned and have

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sought from the local authorities some relief; but, because of the aversion to spending money for such purposes and the proverbial slowness of municipal bodies in such matters, nothing has been done until the ample powers of this department have been invoked and the statutes enforced.

It has been sometimes said that the self-interest of owners and managers of factories, workshops and similar industrial centres can be depended upon to secure their employees suitable conditions for their work. The high character of those who have responsible charge of such establishments here in Massachusetts would, if anywhere, be a guaranty of fair dealing and just treatment. Experience has shown, however, that, where the rights of the obscure and uninfluential are involved, it is not safe to trust to the general good intentions of those who are more inclined to yield to occasional charitable impulse than to make concessions to just demands. The rights of the industrial class are safer under clear legal definitions and restrictions than when left to the average good will of the public or of any selected number of people.

It is undeniable that the condition of what we call the working or operative classes is vastly improved. The hours of labor, the better ventilation and sanitation of the workshops, factories and similar places; the increased protection in the use of machinery; the numerous appliances for safety and comfort during working hours; the safeguards that are so minute as well as so general, have simply revolutionized the lives of working people.

No fact is better established than that the standard of living is higher in this country among wage earners than in Europe. What are luxuries there, or practically out of reach of the masses, are necessities here. The working people are better fed, clothed and housed with us than the same class are abroad; they have more of the comforts of life, and have a stronger assurance of retaining them. The doors of opportunity swing open to all on demand. The operative, if he is sober and industrious, can accomplish more here, earn more for corresponding labor, and, while living better and making the most of himself, realize that his children have even a brighter heritage than he had when

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he began life on his own account. State these facts even more strongly, and it cannot be properly inferred that, because so much has been accomplished, nothing remains to be done. Who shall set a limit to the inventive genius of our people? Who shall prescribe the bounds beyond which there can be no amelioration of present evils?

The adjustment of the rate of wages to the cost of manufacture; how far, if at all, there shall be a check upon production of any article of necessity; how to regulate wisely the human tide that flows to our shores from foreign countries and periodically upsets all calculations in regard to the supply and demand of labor, — these and kindred problems have much to do with American labor in its present as well as future aspects. If a scientific solution of these questions could be reached, the sum of human happiness would be greatly augmented.

In regard to the character and extent of the duties devolved by the statutes upon the district police, it may be said that, in the twenty years since this force was established, its numbers have increased from nine officers to forty-nine. During the first year of its existence to the district police was entrusted the enforcement of the laws in relation to the hours of labor, the employment of children and the inspection of factories and public buildings. It was evident then, and still more as the experience of years is showing, that the efficiency of such a force requires something more to sustain it than its badge of authority or the commission of the Commonwealth. Public confidence is accorded when it is believed that the officers of the law are men of integrity, and perform their duties without fear or favor.

The work of this department has been constantly increasing, not only along the lines of inspection as originally constituted, but including such additional provisions of the statutes as successive Legislatures have enacted. Much has been done to amplify and perfect the protective features of the so-called labor laws, and consequently to add to the scope of the duties imposed upon the members of the district police.

In a certain sense the work of inspection of factories, school-houses and public buildings in any given locality

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must be continuous in order to maintain the proper standard demanded by the law. Conditions may be entirely satisfactory upon compliance with the directions of the inspector in a particular case, but it cannot be assumed that they will always remain so. Tours of inspection involve vigilant oversight of all matters which come within the scope of an inspector's duties, and in almost every case require that he shall frequently go over the same ground. He must see to it that notice is given in cases where there is clear violation of law, and that compliance duly follows.

The statutes relating to the hours of labor are liable to be nullified by various expedients, which limit, if they do not destroy, their usefulness. Some years ago, to illustrate, a few corporations claimed that under the law they were entitled to take a certain amount of time in getting up speed preparatory to production, and in practice there were instances of machinery being started in factories as much as fifteen or twenty minutes daily before the hour scheduled for work to begin. The operatives were required to be in their places when steam was let on, and when the proper speed was secured there was no further delay in getting to work, regardless of the fact that the hour on the schedule had not arrived. For awhile remonstrance effected no change. In some cases more flagrant than the rest, and in which a disposition seemed to be manifested to force a test of the law as interpreted, prosecutions followed.

It has always seemed to me judicious not to be precipitate in such cases and I have summoned offenders into court as a last resort. While the statute in these cases must be reasonably construed, the ingenious evasions which sometimes confront us must not be allowed to prevail. If the laws bear equally upon all, then there can be no objection to their general enforcement; and if to any extent they operate oppressively, it is the province of the law makers to amend or repeal them. I do not understand that it is my duty to temper an unpopular law by a lax enforcement of it. What are called the factory laws have always been enforced here in Massachusetts with the least possible friction. This is doubtless attributable chiefly to the fact that ample discussion in the press and elsewhere has enlightened the

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public mind and paved the way for suitable legislation, and to the further fact that the mill owners and managers are usually high-minded and law-abiding citizens.

The Employment of Women and Minors.

This is a subject that appeals directly to even the most favored classes among us, as does the protection of operatives from unguarded machinery. If under existing circumstances women and children must take their places as laborers in factories and workshops, their safety, health and comfort must not be left to chance. Here if anywhere the shield of the law must be invoked against all preventable causes of evil and danger incident to such employment.

The schooling of children employed in manufacturing and mechanical establishments is a wise provision to reduce the ranks of illiteracy, and make more tolerable the presence of minors in the army of labor. It ought to be said that no provisions of the law in relation to children so employed are more faithfully observed by employers than those which require school attendance, and certificates to establish the fact that the statute has been fully complied with. A farmer who consumes his seed corn for daily food is not more reckless of his future than the community that allows its youth to grow up in ignorance. No present gain of paltry earnings will compensate for the loss of school privileges, which fit the young for future usefulness and the highest places in our American life. These are among the more prominent provisions of law which command the efforts of our officers.

The Growth of Industrial Legislation.

I have mentioned in the beginning of this report the fact that at the time the Massachusetts district police was constituted, now more than twenty years ago, the duties imposed upon it by law were comparatively few and simple, and I have briefly enumerated some of the additional subjects of legislation that have greatly enlarged those duties. In this connection I make mention of the following as showing the growth of legislation for the benefit not only of what are denominated the industrial classes but of the general public;

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and I shall confine myself to such statutes whose enforcement is enjoined upon the district police. I have mentioned a number of these statutes already, and will now simply cite others in order to afford a more complete idea of the scope of our official duties and to show how these have been extended by successive enactments: suitable communication between the engineer's room and each room where machinery is run by steam, in every manufacturing establishment; the maintenance of proper safeguards at hatchways, elevator openings and well-holes in public buildings, factories and mercantile establishments; forbidding the use of portable seats in aisles or passageways in public buildings, theatres, school-houses, churches, etc., during any entertainment or service held therein; requiring fire-resisting curtains, approved by the inspectors, for use in all theatres; providing competent watchmen in hotels, also lights, gongs or other suitable alarms, and notices posted describing means of escape from fire in boarding and lodging houses above a fixed capacity and in family and public hotels; requiring fire-escapes on tenement or lodging houses three or more stories in height; prohibiting during working hours the locking of any inside or outside door of any building in which operatives are employed; thorough sanitation of public buildings and school-houses in respect to cleanliness, suitable ventilation and sanitary conveniences; the weekly payment of wages by certain corporations to each of their employees; the inspection of uninsured boilers and the examination as to the competency of engineers and firemen; the enforcement of the law relating to the manufacture of ready-made clothing made under unhealthy conditions; of the law relating to the heating of street railway cars; and of that requiring specifications to be furnished to those employed in cotton, worsted and woollen factories.

It must be obvious to those who are familiar with what is known as labor legislation that in no other State can be found such a body of laws, guarding with extreme care and wisdom the rights and privileges of the operatives, yet not encroaching upon long-established vested interests upon whose prosperity so much depends. That such legislation is within the proper domain of the law-making power is no longer

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a subject of practical discussion, since the policy of the Commonwealth in this direction has been settled for a long period.

Child Labor and Education.

In relation to child labor in factories and mercantile establishments, the age limit of fourteen years, the system of compulsory schooling, including the requirements that such minors shall be able to read and write simple sentences in the English language, are features of Massachusetts labor laws that, in all human probability, will never be materially changed unless experience shall show the need to strengthen them. Aside from the interest which the State has in affording educational advantages to these young people, it is a real benefit to them to encourage and stimulate mental activity and make still more available the intellectual advancement which shall be a common heritage. The great watchword of the youth of our country is opportunity. As far as human laws can control, let them provide for the removal of all artificial barriers, and afford the most liberal equipment for the broadest education of all the children. While it is not improbable that efforts will be occasionally made to bring about more or less radical changes in our labor laws, and while it would be presumptuous to claim that they cannot be improved, it is reasonably certain that no reactionary movement will succeed. If amendments are made, such changes will be in accord with the existing policy of the Commonwealth. Massachusetts has assumed the lead among the States in respect to protective legislation for the industrial classes, so far as we may distinguish these from the population generally. She does not intend to relinquish her leadership.

One question has been raised from the beginning, which is, whether or not legislation of this kind does not make it impossible for our manufacturing industries to compete successfully with those of other States of the Union not having laws fixing the limit of hours of labor for women and minors. In many other States there are no restrictions, the limit of employment rests with the employer; and in a number of States the age at which children can be employed in all classes of work is optional with him. Now, it has

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been urged, with some appearance of plausibility, that the State which maintains restrictive factory laws and a rigid system of inspection is heavily handicapped, and that, for that reason Massachusetts cannot long successfully compete in manufactures with States that do not impose such restrictions. In the early days of the discussion relative to the limitation of the hours of labor the most strenuous opposition to such legislation was based upon the theory that it would be disastrous to the manufacturing industries of Massachusetts. To shorten the hours of labor, it was said, would reduce the production of our factories, and increase the running expenses, unless wages should be cut down to meet the changed condition. The evils predicted have not come to pass. It is at least probable, if it cannot be claimed as an ascertained fact, that, taking a reasonable period for the basis of comparison, better work and more of it is done by the operatives than under the former system of unrestricted hours of labor. Certainly child labor ought to be, and probably is, more productive under present limitations. This view regards the operative simply as a part of the machinery of production. It is the financial view of the subject. Substantially it becomes a question whether the schedule of hours for labor should be fixed in accordance to the limit of human endurance, or with a view solely to the profit of production. If the wear of machinery is excessive when it is run beyond a certain limit of speed, then a suitable reduction of speed becomes an economical necessity. It may be assumed that no legislation in this Commonwealth would insist upon maintaining a policy whose effect would be the destruction of our manufacturing supremacy. If it were demonstrated that such would be the probable result unless all the restrictive statutes enacted in the supposed interests of labor were repealed, then other considerations would enter into the decision, and possibly control it. It cannot be shown that the laws in question have wrought injury to any interest; but it is true that they have been highly beneficial to those most deeply concerned. The condition of operatives, of women and minors as well as men, have been greatly improved. Who is injured when our inspectors enforce the laws in relation to the hours of labor,

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concerning the ventilation of factories and workshops, their proper sanitation, and the health requirements generally?

In the cotton industry, which has assumed somewhat large proportions in the south, it has been said that the services of men and women can be obtained in the mills for eleven and twelve hours a day; that children of tender years are put to work there for very slender wages; that the cotton manufacturing business is wholly free from the oversight of State inspectors; that there are no laws concerning ventilation, and no troublesome requirements respecting sanitation or anything else that affects the health and well being of those employed. It has been urged that, in order to sustain our cotton mills and to prevent the extinction of our cotton manufactures, we must make radical changes in the labor laws of our Commonwealth. To what extent these changes must be made, and in what particulars, has not been stated. Shall the ten-hour law be repealed? Shall the age limit and the schooling required of minors be abolished? Shall women spend all the hours of daylight in the factory? Shall we remove from our statutes all reference to health conditions of wage earners? When that is done, if it ever shall be done, Massachusetts will have abdicated her honorable leadership among the States.

Hearing before the Industrial Commission at Washington.

On the seventh day of March, 1899, at the request of the Industrial Commission, which was then in session at Washington, I appeared and furnished testimony upon the industrial questions then under inquiry, and upon invitation gave such information as I possessed relative to the labor laws of Massachusetts and the condition of our wage earners.

I stated in substance that when I took charge of this department and investigated the conditions of factory life, I found little children at work, ranging in age from eight to eleven years, some of them performing what would properly be considered now as adult labor. I found that the hours of labor exceeded sixty per week. The ventilation and sanitary conditions of the factories I found to be poor. As

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a general thing, the shops were uncleanly, and devoid of such comforts as might reasonably have been expected. In some districts, notably in Lowell and Lawrence, there were gratifying exceptions. At that time the law put the burden of proof upon the prosecution to show that the violations of its provisions were "wilful." It was found that this was impracticable, and in 1879 the word "wilful" was stricken out of the statute. Another almost insuperable difficulty occurred in the attempt to secure evidence that the hours of labor had exceeded more than sixty a week. We were obliged to cover the whole period. Then the law was further amended, and it was required that a schedule should be posted, stating the time of commencement and stopping of each day's work. After that the law worked very satisfactorily, until now there is no more friction or dissatisfaction. The manufacturers all over the State willingly and cheerfully comply with the numerous labor and industrial laws of Massachusetts.

The initial legislation was the so-called ten-hour law, fixing the hours of labor, which was passed by our Legislature in 1874.

The weekly payment law has succeeded in Massachusetts. All our large corporations pay weekly; and the law has been improved so as to apply to firms as well as individuals.

As to the employment of women and children in mills, my observation and official experience show that whatever pertains to the health and reasonable comfort of women and children wage earners in Massachusetts has been safely guarded in our laws, which are generally obeyed.

In reference to the sanitary conditions, when I made inspections of factories in 1879 the sanitary appliances for operatives provided no privacy of the sexes whatever. They had no separate water-closets for women. Now, under the statute separate water-closets must be provided and be properly designated "women" and "men," and be as remote as possible from each other.

Another wise provision for the comfort of women employed in factories and mercantile establishments was the seats with which they must be supplied, so that they might occasionally rest during the day, if they had the oppor-

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tunity. Furthermore, the ventilation of our workshops has been much improved.

The limit of age of children is fourteen years. That change was made by my suggestion last year; the number of children displaced from the mills by reason of the increase of the age limit was less than one hundred. No children can be employed in any capacity in Massachusetts under the age of fourteen years. It has become the settled policy of the State to secure suitable education for the children before they are allowed to become wage-earners, and that has been the central feature since the limit of age was gradually raised from eight to fourteen years. It seemed to me that to secure a suitable amount of schooling for these children was the first duty owed to them. A child who attends public school until he is fourteen years of age has developed a fair amount of intelligence, and may properly be allowed to earn the wages which are essential assistance in the family in many cases. Some questions were asked relative to the half-time system, which is, as in England, that the child employed in a mill works a half day and attends school a half day. That system has been tried to some extent in Massachusetts, but it has not been generally adopted; and the present law in respect to the employment of children, which is fifty-eight hours a week, is fully as advantageous to them.

Among the opportunities for education after work hours may be mentioned the laws by which every city of ten thousand inhabitants or more is required to maintain night schools. These are fully attended and secure good results. This is compulsory education for them; it lasts as long as they are minors, and they cannot be employed until they can read and write simple sentences in the English language. They have the opportunity to learn more than what is required as an elementary requisite. The school books are furnished to all pupils in Massachusetts free of expense.

Inquiry was made as to the sweat shop system, and I answered generally that when I investigated the matter I found clothing was made under decidedly unhealthy conditions, which seemed to invite contagious diseases. The rigid law which was promptly enacted and later improved

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was enforced until that evil has been practically abolished in our Commonwealth. The law applies to the homes of those who do this class of garment work. The principal feature of this work is that before any one can obtain clothing to make, repair, alter or mend, he must first give notice that he intends to do the work, and where he intends to do it. That of course brings it immediately to the attention of the inspection department. The inspector goes to the designated premises, and, if he finds it cleanly and a suitable place in which to do such work, a license is issued. Then the inspection is continued by the officers detailed who have charge of the houses in which this clothing is made. If uncleanliness is found, or any of the provisions of the law are not complied with, the license is revoked, and that stops it.

In regard to cleanly workrooms, more adequate sanitary provisions, the safeguarding of machinery, ventilation of factories and workshops and general advance in reasonable comforts of living, it is my opinion that the condition of the wage-earners is vastly improved in comparison with twenty-five years ago, when it was the merest drudgery.

The question was asked if the factory inspection laws are sufficient. I stated that they are, and that they are not only effective, but are complied with cheerfully by the manufacturers. No complaint comes from them, nor from the operatives.

Taking a general view of the situation, I hope we shall ultimately have uniform industrial laws in the several States; and I should recommend compulsory school laws, a limitation of fifty-eight hours a week, and a law providing that no children under fourteen years of age should be employed in any capacity in manufacturing, mechanical or mercantile establishments, in order that their childhood should be devoted to proper physical growth and elementary educational training. These and similar points were covered by me in my remarks before the Industrial Commission.

Fire-escapes.

Provisions for escape from hotels and other buildings in the event of fire are brought to the attention of the public chiefly by the occurrence of some awful calamity like that of

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recent date in a much-frequented and costly hotel, built of brick in its outer walls, and supposed to be at least semi-fireproof. It was entirely enveloped in flames in less than thirty minutes from the time the alarm was given. The amazing rapidity of its destruction, and the great loss of life, in such a locality, the centre of a leading city, in broad daylight, with boundless resources for the extinguishing of fires, are indeed appalling features, and should demand immediate attention, with a view to prevent, if possible, a repetition of such horrors. Whatever legislation can do, in the light of accumulated experiences, to furnish protection to guests of hotels, has been done in our Commonwealth. Apparently human wisdom has devised all proper means of prevention and escape in the last resort. Cards of directions to guests, containing explicit instructions what to do in case of alarm of fire, are posted in a conspicuous place in each room. There are fire gongs, never used except at fire alarms; there are red lights, locating the stairways and other means of exit; there are fire pails and extinguishers on every floor; watchmen and other employees on duty all night; balconies and fire-escapes suitably located, and the approaches plainly indicated. Could human ingenuity add to these multiplied means of escape? It would seem not. Yet all these precautions are of little or no avail to those who become paralyzed by fright when the moment for action comes. In many of the large hotels in New York and other States each room is provided with a rope, suspended near a window, and long enough to reach the ground; but the presence of mind, courage and strength to properly use such an appliance are not combined in many persons. To slide down a rope from a considerable height, without sustaining severe injuries, requires a sailor's training, and very little reliance can be safely placed on such a means of escape from fire. In the case of women and children it would be a perilous experiment.

The innate difficulties of handling a fire in the extremely high buildings in our large cities constitutes an additional risk to the inmates. In case of fire of any considerable magnitude, the flames would travel with such rapidity that the difficulty of reaching them would be greatly enhanced. Stand pipes are useless without an adequate supply of water,

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and at such an elevation the force of the water would be insufficient. It has been stated that the highest distance in the air that an effective fire stream can be thrown is about one hundred and fifty feet; although by means of the water tower, with three powerful steam engines concentrated into it, effective service might be done in a structure the height of the Ames building, but it is extremely problematical. These statements are interesting when we consider their applicability to the hotels, the height of some of which would tax the limit of our fire service. Before any safety appliances can be of much use to the guests or inmates of a hotel, an indispensable requisite is that each person shall, as soon as registered and shown to a room, acquaint himself with all the means for sudden egress which that hotel affords, the location of the stairways, their windings and outlets, the exits by the fire-escapes and otherwise. Such knowledge will inspire confidence in the most timid, and is certainly no more than reasonable precaution.

Inspection of Buildings.

The inspection of buildings alleged to be unsafe or dangerous to life and limb in case of fire or otherwise has engaged the attention of the members of this force in a number of cases. The submission to the inspector for approval of a copy of the plans and specifications of buildings designed for public purposes, as factories, workshops, mercantile buildings, hotels, apartment houses, lodging or tenement houses (above a certain height), furnishes a broad and important field for the officers of the inspection department, and a degree of experience and care which such examinations require.

Protection from Accidents.

In order to make more effective the means of protection for those engaged in industrial pursuits, and to discover possible defects in the law governing such matters, it has been deemed wise to require that reports in full detail shall be made to this department by all manufacturers, manufactur-

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ing corporations and proprietors of mercantile establishments, of any accident to an employee in any factory or manufacturing establishments operated by them, whenever the accident results in the death of said employee, or causes bodily injury of such a nature as to prevent the person injured from returning to his work within four days after the occurrence of the accident so reported to me, together with a statement of the name of the person injured, the city or town where the accident occurred, and the cause thereof. These reports are kept in this office, and an abstract of the same will be found elsewhere in this document. How far the law in question acts in the direction of inducing greater care in the making and maintenance of machinery and appliances for use of operatives and others, and fixing liability for such accidents, may not be determined by statistics. There is, however, an obvious advantage in having a record of these accidents, as it tends to show what should be done to prevent their occurrence, and furnishes a mass of information for the guidance of the Legislature. No methods of protection or of prevention are of any avail in cases of gross negligence or recklessness; but whatever dangers are preventable should be eliminated so far as it can be done by legislation.

The accidents that are reported to this department in pursuance of the law are by no means confined to such as occur from the use of machinery or of any motive power. Although a considerable proportion are thus caused, many of the accidents reported are, as might be expected, caused by carelessness on the part of those injured, in cleaning machinery while it is in motion or in the performance of some other equally reckless act. The constantly increasing use of electricity creates new perils from which an increase of accidents for a time may be expected.

Elevators.

Another frightful cause of accidents has been the use of elevators for carrying goods and passengers to the upper stories of buildings. There has been a steady increase in the number of elevators provided for such services. The great height of buildings occupied for offices and for manu-

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facturing, mechanical and commercial uses necessitates the employment of elevators. The great speed at which many of these are operated, the rapid opening and closing of the doors at each landing while passengers are entering or leaving the car, the constant danger of defective running gear and other machinery, are among the perils incident to the use of this modern perpendicular method of rapid transit. Everything that experience has shown to be essential to safety in the construction and management of elevators has been provided, except some apparently necessary regulations as to the speed that should be required. In former reports I have stated my reason for the belief that in respect to the excessive rate of speed at which many elevators are operated, especially in large office buildings in which thousands are accommodated daily, the point of danger has been almost reached, and that in my opinion it was necessary to impose some restrictions as to such speed in order to guard against casualties. I have seen nothing to change my views upon this subject, and believe it to be my duty to repeat former suggestions in relation thereto.

The earliest legislation in relation to elevators provided that all elevator cabs or cars, whether used for freight or passengers, should be provided with some suitable mechanical device, to be approved by the inspector of factories and public buildings, whereby the cabs or cars will be securely held in the event of accident to the shipper rope or hoisting machinery, or from any similar cause. If inspection showed that an elevator was unsafe or dangerous to use, or had not been constructed in the manner required by law, its use was interdicted until such elevator was made safe to the satisfaction of the inspectors. These provisions seemed to cover the sources of danger in the use of elevators and in possible faults of construction. Approved automatic attachments are now in general use, and, with such inspection as is constantly made, not only by the inspectors of this department but also by employees of the accident insurance companies, it seems that the risk in the use of elevators has been reduced to the minimum.

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Operation of the Laws relating to Inspection of Boilers and the Examination of Engineers and Firemen.

During the past year more time has been given by the inspectors to the inspection of boilers than had been possible in the preceding years, and, from the large number of defects found and the large number of orders issued, it appears that such attention was needed. The passage in 1895, at the same time, of the law requiring the inspection of boilers and the law requiring the examination of all engineers and firemen, made it impossible to give the boilers the attention they needed and which the law contemplated they should have. It being a penal offence to operate a boiler or engine without a license, the demands upon the inspectors by engineers and firemen desiring licenses was so considerable that the boilers could not be inspected as extensively as was desired. Those boilers were inspected, however, where there was any doubt as to their condition, and inquiry by the inspectors of those persons being examined as to when and how their boilers were last inspected led to the revealing of many old and neglected boilers needing immediate attention, and those boilers received such attention. It should be possible, however, to inspect a boiler once a year. During the year defects may develop that need attention, and which without such attention soon become dangerous and the boiler a menace to those working about it. The gradual disposal of the large number of applicants for licenses has made it possible in some of the districts of the State to proceed with an annual inspection, and it is the intention to have all boilers coming under the supervision of this department receive such annual inspection. It has been possible this year to give a more general inspection and more attention to this important branch of the work, and from the reports received much good has been accomplished. Boilers insured in boiler insurance companies are exempted from State inspection, and up to this year no objection could be found to this practice; but that this exemption will not result at some time in boiler insurance companies carrying risks they ought not to carry, and permitting boilers to be

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operated at too high a pressure, is not assured. I do not feel that it is necessary to make any recommendations upon this matter, but if it should become noticeable that new companies come into the State and insure boilers, exempting them from State inspection, and these boilers are permitted to be operated at too high a pressure, attention will be called to the matter and a remedy suggested. The exemption of the boilers insured by the insurance companies has been upon the ground that they were already carefully inspected and did not need a second inspection.

During the year more attention has been directed to the boilers used for heating large apartment houses and hotels, and in many of these many changes were needed. Competition in the erection of some of these plants had led to the cutting out of fittings not absolutely necessary to the working of the boiler, but yet whose absence caused a danger. In some cases no check valves were provided upon the return pipes, and accidents had occurred; or the boiler was open at any time to an accident, due to the forcing of water out of the boiler into the returns in the building, which accident would be prevented by the provision of a check valve in the returns. It has always been deemed necessary to have a safety valve on a boiler to relieve the boiler of surplus steam and prevent the pressure increasing; but the inspectors' reports have showed that something bearing the name safety valve had been used, whereas the valve was a safety valve in name only, and altogether too small to keep down the pressure of steam should occasion require it. That there might be an understanding as to what was deemed necessary for the safety of the boiler, the following set of requirements have been printed and have been submitted to the various steam fitters for their guidance in the erection of such work in the future: —

Requirements of Boiler Inspection Department of District Police as to Fittings for Low-pressure Heating Boilers.

Upon all steam boilers used for heating purposes, having a grate area of over two square feet, and subject to inspection by this department, the following fittings must be provided, being deemed necessary for safety: —

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One safety valve on each boiler, with no obstruction between valve and boiler. If pressure carried is to be below twenty-five pounds, the least area of the safety valve in inches is to be reckoned by dividing the area of grate in square feet by two and a half if a *pop* valve is used, or by two, if a lever, dead-weight or simple spring valve is used.

One steam gauge on each boiler, connected with syphon or equivalent device between gauge and boiler, to fill gauge spring with water. The supply pipe is to come from steam space of boiler.

Each boiler must have at least two try cocks, the lower one to be placed two and a half inches above fusible plug or lowest safe water line. Where a glass is also used, the lower end of glass must be above the fusible plug or lowest safe water line.

Each boiler must be provided with stop valve on main steam pipe leading from boiler. Each boiler must have check valve and stop valve on main return pipe.

Where a damper regulator is used, the pressure supply pipe must be taken from the steam space of the boiler with water syphon.

Safety Valves for High Pressure.

If pressure carried is between twenty-five and one hundred pounds, the area of safety valve in inches shall equal the area of grate in square feet divided by three, for lever or dead-weight valves, and by three and a half for pop valves. If pressure is above one hundred pounds, divide by five for pop valves and four for lever or dead-weight valves.

In my last annual report I recommended that the law relating to the examination of engineers and firemen be more clearly defined. Previous to that time it had not seemed to me wise to recommend any change until the law had been in force a few years, and more data was available upon which an amended law could be based. There were many parts of the old laws that were vague, the powers conveyed by the different licenses authorized to be issued were not clearly stated, and much uncertainty existed as to what kind of license was required for the different types of steam plants. To overcome this difficulty the Legislature passed an act, chapter 368 of the Acts of 1899, which was approved May 12, and went into effect upon its passage. It is as follows: —

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An Act relative to the Licensing of Engineers and Firemen.

SECTION 1. It shall be unlawful for any person to have charge of or to operate a steam boiler or engine in this Commonwealth, except boilers and engines upon locomotives, motor road vehicles, boilers in private residences, boilers in apartment houses of less than five flats, boilers under the jurisdiction of the United States, boilers used for agricultural purposes exclusively, boilers of less than eight horse power, and boilers used for heating purposes exclusively which are provided with a device approved by the chief of the district police limiting the pressure carried to fifteen pounds to the square inch, unless he holds a license as hereinafter provided; and it shall be unlawful for any owner or user of any steam boiler or engine, other than those boilers or engines above excepted, to operate or cause to be operated a steam boiler or engine for a period of more than one week, unless the persons in charge and operating such boiler or engine are duly licensed.

SECT. 2. If any such steam engine or boiler is found at any time in charge of or operated by any person who is not a duly licensed engineer or fireman, and if after a lapse of one week from such time the same is again found to be operated by a person or persons not duly licensed, it shall be deemed prima facie evidence of a violation of section one of this act.

SECT. 3. Any person desiring to act as engineer or fireman shall make application for a license to so act, to the examiner of engineers for the city or town in which he resides or is employed, upon blanks to be furnished by the examiner. The application must show his experience during the preceding three years or time of service. The applicant shall be given a practical examination, and if found competent and trustworthy, he shall receive within six days after the examination, a license graded according to the merits of his examination, irrespective of the grade of license for which he applies. The applicant shall have the privilege of having one person present during his examination, who shall take no part in the same, but who may take notes, if he so desires. No person shall be entitled to receive more than one examination within ninety days, except in the case of an appeal as hereinafter provided. A license shall continue in force for three years, or until the same is revoked for incompetency or untrustworthiness; and a license shall remain revoked until a new license is granted. A license, unless so revoked, shall at the end of said three years be renewed by an examiner of engineers upon application and without examination, if the application for renewal is made within six months of expiration of license. In case a new license of

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different grade is issued, the old license must be destroyed in the presence of the examiner. In case of the loss of a license by fire or other means, a new license shall be issued in its place, without re-examination, upon satisfactory proof of such loss to an examiner.

SECT. 4. Licenses shall be granted according to the competency of the applicant and shall be distributed in the following classes: Engineers' licenses, — first class, unlimited in horse power. Second class, to have charge of and operate any boiler or boilers and any engine not exceeding one hundred and fifty horse power. Third class, to have charge of and operate any single boiler and any engine not exceeding fifty horse power. Firemen's licenses, — first, to operate any boiler or boilers. Second, to have charge of and operate low pressure heating boilers where the pressure carried is less than twenty-five pounds to the square inch. Any person desiring to have charge of or to operate any particular steam plant or type of plant, may be examined as to his competency for such service and no other, and if found competent and trustworthy, shall be granted a license for such service and no other; and the holder of such special license may have the same transferred to some other particular plant of the same type and horse power, without re-examination.

SECT. 5. The words "have charge" in this act shall be construed to designate the person under whose supervision a boiler or engine is operated. The "person operating" shall be understood to mean any and all persons actually engaged in generating steam in any power boiler.

SECT. 6. The horse power of any boiler shall be ascertained upon the basis of three horse power for each square foot of grate surface, for a power boiler, and on the basis of one and one-half horse power for each square foot of grate surface if the boiler is used for heating purposes exclusively. The engine power shall be reckoned upon a basis of a mean effective pressure of forty pounds per square inch of piston for a simple engine; fifty pounds for a condensing engine; and seventy pounds for a compound engine, reckoned upon area of high pressure piston.

SECT. 7. All applications for licenses shall be accompanied by a fee of one dollar. All fees so paid shall be accounted for by the examiners to the chief of the district police, who shall return the same monthly to the treasurer of the Commonwealth.

SECT. 8. The boiler inspection department of the district police shall act as examiners and enforce the provisions of this act.

SECT. 9. Any person dissatisfied with the action of any examiner in refusing or revoking a license, may appeal from his de-

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cision within one month from such decision, to the remaining examiners, who shall together act as a board of appeal, and a majority of whom shall have the power to hear the parties and pass upon the subjects of appeal. The party appealing may have the privilege of having one first class engineer present during the hearing of his appeal, who shall take no part in the same. The decision of the majority of such remaining examiners so acting shall be final, if approved by the chief of the district police.

SECT. 10. An engineer's or fireman's license granted under this act or previous acts, shall be placed, so as to be easily read, in a conspicuous place in the engine room or boiler room of the plant operated by the holder of such license.

SECT. 11. Whoever violates any of the provisions of this act shall be punished by fine of not less than ten nor more than three hundred dollars or by imprisonment not exceeding three months. Any trial justice may in his discretion take jurisdiction in complaints for violations of this act, and in such cases may impose a fine not exceeding fifty dollars.

SECT. 12. All acts or parts of acts inconsistent herewith are hereby repealed: *provided, however*, that such repeal shall not invalidate any license granted under the acts repealed and licensees holding licenses so granted shall have the same powers given by section four of this act to licensees of a similar grade.

SECT. 13. This act shall take effect upon its passage.

During the passage of this bill through the Legislature it was amended in several particulars, and, while it is more generally satisfactory and a better working law, with the grades more clearly defined and more equable, one of the amendments adopted left a question of doubt as to whether certain parties who worked around a boiler plant were required to be licensed. It was claimed that the provisions of the law extended to include every person who was employed feeding the furnaces with fuel, even though that person had nothing to do with providing the boiler with water, and had no responsibility resting upon him. This matter not being clear, I submitted the following letter to the Honorable Attorney-General of the Commonwealth, asking his opinion upon the matter: —

BOSTON, June 1, 1899.

Hon. HOSEA M. KNOWLTON, *Attorney-General.*

DEAR SIR: — I have the honor to submit for your consideration and opinion the following question, concerning sections 4 and 5

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of chapter 368, Acts of 1899: "In a large boiler plant where many men are employed as firemen, simply putting coal under the boilers, subject to the general orders and directions of a licensed fireman present in the boiler room, whose duty it is to take care of the water for the boilers and direct the men in their work, are such men required to have licenses under St. 1899, c. 368?"

The reply of the Attorney-General is appended, as follows: —

BOSTON, July 6, 1899.

RUFUS R. WADE, Esq., *Chief District Police.*

DEAR SIR: — Your letter of June 1 required the opinion of the Attorney-General upon the following question, to wit: "In a large boiler plant where many men are employed as firemen, simply putting coal under the boilers, subject to the general orders and directions of a licensed fireman present in the boiler room, whose duty it is to take care of the water for the boilers and direct the men in their work, are such men required to have licenses under St. 1899, c. 368?"

In an opinion to you, dated Sept. 29, 1897, I advised you that "in a large boiler plant where many men are employed as firemen, simply putting coal under the boilers, with a fireman in charge to take care of the water for the boilers," such men were not required to be licensed under the provisions of St. 1896, c. 546. The statute upon which that opinion was given made it unlawful for any person "to have charge of or to operate a steam boiler or engine" (with certain exceptions) unless he held a license therefor. I further stated as the reasons which led me to the conclusion arrived at that the statute was intended for the security of the public and those employed or having business in the vicinity of steam boilers, by providing that those who had charge of such boilers should possess the skill necessary for their safe operation; and that the word "operate," as used in that statute, was to be taken as meaning the directing or superintending of the working of the boiler, and that the statute did not apply to mere laborers, who had no responsibility or authority in the matter.

St. 1899, c. 363, does not in my judgment require a modification of the conclusions stated in my former opinion. It provides in section 4 that "licenses shall be granted according to the competency of the applicant, and shall be distributed in the following classes: . . . Firemen's license: — First, to operate any boiler or boilers. Second, to have charge of and operate low pressure heating boilers where the pressure carried is less than twenty-five pounds to the square inch. . . ." Section 5 provides that "the

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words 'have charge of' in this act shall be construed to designate the person under whose supervision a boiler or engine is operated. The 'person operating' shall be understood to mean any and all persons actually engaged in generating steam in any power boiler."

Whether, as I understand is claimed, the intention of those procuring the passage of this act was to extend the provision of existing legislation, requiring persons operating steam boilers to be licensed therefor, to mere laborers, it is clear that the language employed fails to accomplish any such intention, even granting that it would be constitutional to require a mere laborer to be licensed. It is, to say the least, doubtful whether such a law would be within the provisions of the Constitution. (Commonwealth *v.* Perry, 155 Mass. 117, 121.) In the broader sense of the words used in the statute, every person having to do with any labor connected with the operation of steam boilers, such as coal hoisters, shovelers, and men employed to bring coal in wheelbarrows, might be said to be engaged in the business of "generating steam" in a power boiler.

Such a construction would obviously be absurd. I cannot believe that it was the intention of the Legislature to require that every laborer who has a mere mechanical duty to perform in relation to the work of generating steam in a boiler must be licensed. Licenses are granted to persons having special qualifications for the work for which the license is issued; and a construction which requires the issuing of a license to a person whose work requires no special skill and involves no danger to the public is not to be favored, especially in a penal statute which is to be strictly construed.

I am still of the opinion, notwithstanding the statute of this year, that licenses are not required for mere laborers whose duties require no skill and involve no responsibility.

Very truly yours,

HOSEA M. KNOWLTON, *Attorney-General.*

In accordance with this opinion, persons employed in a boiler room and who do not have charge of the water for the boilers are not required to be licensed. The law is held, however, to apply to all persons who have any responsibility in the operation of the boiler, and whose duty it is to supply the boiler with water, try the gauge cocks and look after the safety valve and other fittings around the boiler.

During the year apparatus for the practical examination of engineers and firemen has been introduced, as far as the

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appropriation made in 1898 would permit, into the various offices where engineers are examined, at North Adams, Springfield, Worcester and Fall River. The appropriation did not permit in fitting these rooms for the practical examination wholly of applicants for the higher-grade licenses, but has been a great help in assisting the examiner to ascertain the practical ability of the applicant. The examinations now proceed almost wholly at the central office at the State House, in putting the applicant to work upon the various engines, pumps and boilers, in the examination room, and judging from his actual work what his ability as an engineer is. This method is giving very good satisfaction among those examined, and there is little opportunity for an applicant to complain that his examination has not been a practical and fair one. The number of examinations has been falling off, although the number is still surprisingly large. Up to this time the department has received over 40,000 applications for examination since the law went into effect in 1895.

The following is the summary of the inspections of boilers and the examination of engineers: —

Summary of Examinations.

Number of applicants examined,	5,981
Number of licenses issued,	4,183
First class,	131
Second class,	282
Third class,	472
Special,	1,878
Hoisting,	148
Firemen,	1,272
Number of licenses refused,	1,798
Number of licenses renewed,	5,845
Revoked,	7

Summary of Inspection.

Boilers inspected,	2,626
Number of defects found,	7,374
Number of dangerous defects found,	3,065
Boilers ordered repaired,	1,394
Boilers condemned,	25

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Short Lobsters.

That more stringent laws should be enacted for the protection and preservation of lobsters in the waters of our Commonwealth has become so evident that I feel it to be my duty to again call the attention of the Legislature to the imperative necessity of enacting the most stringent provisions of law, to prevent the catching, mutilation and sale of short lobsters.

A brief review of the laws which from time to time have been enacted for the protection of our lobster fisheries may be of interest, as showing the intention of former Legislatures to protect this important branch of the fishery interests: —

The ten and a half inch law was passed in the year 1874, and at that time the fishermen were not allowed to sell short lobsters; they would use them to fish with and trade them for lobster bait, or destroy them in some manner without putting them upon the market. In the year 1881 they commenced to mutilate small lobsters in Essex County, and fried lobster became an article of food at the beach hotels and restaurants; and at this time the fishermen began to put the laths on the pots nearer together, so that they could catch smaller lobsters. In 1884 possession of short lobsters was made an offence, and the fishermen made their traps with laths about one inch apart, and mutilated everything less than ten and one half inches in length.

The ten and a half inch law, which was passed to protect the lobsters under that length so they would grow large enough to bear eggs, would be a good law if the people could be made to live up to it; but just so long as fishermen catch small lobsters, they will find some way to destroy them. We have put many of them into court, where they have been heavily fined, and invariably they have returned to the same business. If the State of Massachusetts wishes to protect its lobster fishery, which is fast disappearing, it must pass a different law. Either we must have a close season, or make the fishermen construct their traps so that the small ones can escape. If the traps were constructed with the laths two inches apart, it would bring about the same result that the ten and one half inch law was enacted to do, and every fisherman would have an equal chance.

Thousands of small lobsters go through to New York and Rhode Island from Maine and Nova Scotia which would stop in Boston

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and other places in this State if we did not have our present law, and these lobsters we might as well have in Massachusetts, so far as protecting our own industry is concerned. *Small lobsters by the thousands are shipped through to Newport, boiled there, broken up and shipped back into Massachusetts.* These dealers ship their large lobsters to where they can dispose of the small ones also; and the consequence is, the people of this State have to pay an enormous price for their lobsters. Put the laths two inches apart and the large lobsters will be more plentiful.

Recommendation for the better enforcement of the law relative to the catching of lobsters: —

SECTION 1. Whoever sets, hauls or uses in any of the waters of this Commonwealth a lobster trap or any contrivance for taking lobsters, said trap or contrivance having any of the laths or sticks or any other material nearer together than two inches, and not leaving a clear space, not less than two inches in width, between all of said laths or sticks or any other material, shall forfeit one hundred dollars for each offence.

SECT. 2. This act shall not apply to the laths or sticks on the bottom of any lobster trap.

SECT. 3. All lobster traps shall have the owner's name and residence legibly marked thereon, under the same penalty prescribed in section one.

SECT. 4. Chapter three hundred and fourteen of the Acts of the year eighteen hundred and eighty-seven, and chapter one hundred and twenty-two of the Acts of the year eighteen hundred and ninety-one, are hereby repealed.

SECT. 5. This act shall take effect on July one, nineteen hundred.

VENTILATION AND SANITATION.

In recent years probably no legislation in Massachusetts has carried more lasting and wide-spread good to the industrial classes than that relating to ventilation and other sanitary provisions in factories, school-houses and public buildings. Of late years public attention has been enlisted to such an extent in the discussions carried on in the newspapers as well as in scientific publications respecting the grave evils of imperfect drainage and the gross defects in ventilation of the class of buildings mentioned, that when the subject was brought to the notice of the Legislature it

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was not difficult to secure appropriate remedial legislation. Some slight opposition to matters of procedure as to unimportant details arose; but the onward course of improvement was not seriously impeded, and the Commonwealth in this and in similar ways has established measures of protection which distinctly benefit her entire population.

The children in her public schools, the operatives in her factories and workshops and the thousands not included in these classes, employers and otherwise, perform their labors under conditions vastly superior to those which formerly prevailed. The occasional raising or lowering windows and opening and closing of doors, an alternation of scorching and freezing, is no longer regarded as ventilation. In this as in many other things scientific accuracy is practical good sense. Men who by education and training have made themselves competent to deal with these problems are the best guides in their practical application.

When yellow fever becomes epidemic in any part of the United States, the most stringent quarantine measures are established as a barrier to its possible encroachments. The best medical experts are given supreme control. It is not difficult to mistake its symptoms. It is the height of folly to delay its extirpation. So universal is the dread of it, that a health officer who should be in the slightest degree negligent in duty could not withstand public condemnation.

Proper ventilation is the substitution of clean air for dirty air, the furnishing of pure air to the lungs instead of foul air. The effects of bad drainage and imperfect ventilation, or none at all, are as obvious and certain as anything within the range of human observation can possibly be. It is a question of degree, not of kind, whether polluted air shall decimate our population. Any educated physician can detect in child or adult the symptoms of sickness produced by foul air as certainly as he can those of yellow fever. It is another type of filth disease. He is as watchful against the ravages of typhoid as those of yellow fever. He will testify that, if the latter is more deadly than the former, if it yields less readily to treatment, both are alike a menace to human life. Among medical men there is not a dissenting opinion on the question of the deleterious effects of impure air upon

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health and life. No person in these days is indifferent to the subject. Parents who have a proper regard for the physical welfare of their children insist that they shall have pure air in the schoolroom as well as in their homes.

In the domain of science there is never a question raised as to paramount importance to human welfare of the best possible health conditions. The architectural features of a school building may be attractive to the eye, the ornamentation may be as elaborate and expensive as appropriations will allow, but there must be no question of its sanitary fitness for the purposes to which it is dedicated. It is not impossible in many cases to make such judicious changes in the sanitary conditions of buildings long standing as to make them practically safe, and so obviate to some extent objections that are urged on the score of expense.

Candor compels the acknowledgment that until recent years the absence of any general demand for adequate ventilation was attributable to ignorance of the advantages which accrue from it. The popular idea of ventilation was that it was a fad of theorists rather than a necessity to health, vigor and life. What is true of school-houses is also true of factories and workshops. Even a reduction of the hours of labor does not diminish or remove the evils of bad air and unsuitable drainage in buildings where scores and hundreds are obliged to work. Radical improvements have been effected in those establishments, and the most gratifying results have followed the adoption of sanitary methods and appliances. There is, however, constant need of vigilance not only in the relation to the proper inspection of new buildings but to keep up to the standard those that have been regarded as satisfactory. There is always a tendency to become careless in such matters. The evils of foul air are not immediately apparent except to the sense of smell; its effects are insidious, and are liable to be ascribed to other causes. It is easy to disregard the risks, because, for any brief period, they seem to be so slight. It is a familiar fact that a person going from the outer air into a close apartment feels at first that the impure air is intolerable. If he remains awhile exposed to the pollution it becomes unnoticeable until he again returns to the outside air. It is a singular fact

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that persons who would shrink with disgust from drinking water that was visibly polluted, will breathe without objection or protest air that is laden with impurities.

While the details of even the best system of scientific ventilation cannot be dealt with in any scheme of legislation, the fundamental requirements may be comprehended and provided for by law.

The suppression of nuisances in factories, workshops and mercantile establishments, caused by insufficient and ill-managed water-closets, and the separation of such conveniences for men and women, has been brought about in the interest of cleanliness and decency in many cases reported to me by the inspectors.

Ventilation practically considered.

I have in former reports stated that heating and ventilation are in a certain sense inseparable.

Heating by indirect radiation should be had in all cases where it is practicable, with ample inlets for fresh air, so that the discharge of heated air should be from six to eight feet above the level of the floor, and with ample and efficient means of carrying off the foul air at or near the level of the floor. It has been found impossible to supply school-houses with the large amount of fresh air required for proper ventilation, and at the same time to keep up the temperature, unless provision is made for warming the air before and during its introduction. Ventilation is comparatively easy when the current can be established for the regular circulation of air. The fresh air must be supplied and the foul air must be expelled.

But a few years ago it was the popular idea that it was only necessary to make an outlet somewhere in or near the ceiling to let out the foul air, and the room was properly ventilated. Registers were placed somewhere in the floor, but their size and disposition were left to the discretion of the furnace dealer, who was to furnish heat, not air. It is true that some air must make its way through the hot-air pipes, but when the temperature reaches a height too warm for comfort, the register is closed, shutting off entirely all supply of fresh air, except what may creep in through the

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crevices around doors and windows. If further relief from heat becomes necessary, the windows are utilized. The result of this is that the cold air rushes in and fills the bottom of the room, causing uncomfortable draughts for those who sit near the windows, and cold feet for everybody.

The problem of ventilating large buildings is one full of difficulties. The conditions under which ventilating apparatus must work are variable; the system must be elastic enough to work under all possible conditions. The heating and ventilation should be carefully planned before the construction of the building is commenced. Changes then to meet the demands of the system of heating and ventilation are often expensive and difficult. We should not forget the rapid advancement in sanitary science within a few years. Its laws are the first to be considered; they speak for light, warmth and ventilation everywhere. They tell us how to secure warmth, and at the same time how to avoid dangerous draughts. The heating and ventilating apparatus constitute the vital organs of a building, and therefore are of first importance in school-house buildings. To know how much air is needed by a school and to furnish it by exact mechanical measurement is not a severe problem, and is one with which the designer of buildings should be familiar. As I have stated in former reports, good ventilation consists in the proper arrangement and distribution of the ducts for the incoming and outgoing of the air, and their relation and correspondence to each other. The two must be harmonized. I have also in former reports described the various systems or methods resorted to for heating and ventilating schools and other public buildings, and need not again discuss them. I have endeavored to place before the public such facts as have absolutely been demonstrated by many years of experience and observation. I present in this portion of my report, to all interested in this important subject, plans showing methods of heating and ventilation submitted to me by the inspectors assigned to this scientific branch of our inspection work.

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DESCRIPTION OF PLANS FOR TWO-ROOM SCHOOL-HOUSE, SUBMITTED BY INSPECTOR JOHN T. WHITE.

In compliance with your request, I have the honor to submit herewith plans for a school-house, showing method of heating and ventilation. There are many school districts where there are not more pupils than can be accommodated in two rooms, and it is sometimes more difficult to devise a method of ventilation for such a school-house than for larger and more pretentious buildings. On the score of cheapness, it is desirable to have such a building two stories in height, with one school-room on each floor. In a building of that description it is often a difficult problem to properly heat the school-rooms, entries, coat rooms and stairways with one furnace. On the plans submitted I have shown a building of this class with the heating and ventilating apparatus arranged as I have found for the best work.

On Plate No. 1 are shown the basement and first floor plans. There are two entrances and two stairways, giving safe egress and keeping the sexes apart if desired. The first floor is fully described on the plan. The basement shows the location and arrangement of the furnace, air ducts and vent chimney. It is not often practicable to have the sanitary appliances in the basement in such a building, as there may be no water supply or sewerage; but I have shown the space under the school-rooms divided by a partition, making two rooms, one of which can be used for boys' and one for girls' sanitaries and playrooms, and the closets and urinals could be easily ventilated into an extra flue in the vent chimney.

On Plate No. 2 is shown the second floor plan, and also sectional drawings of the furnace, air ducts, ventilating chimney and stack heater. The teacher's room on the second floor is heated through a floor register, and there is also a register in the floor of one entry, for a foot warmer. The other entry is heated from a register in the second story warm-air duct, as shown in section, with a valve in the opening, operated as may be desired by a chain and pull.

I believe the plans and this description will be sufficient to make the whole scheme easily understood.

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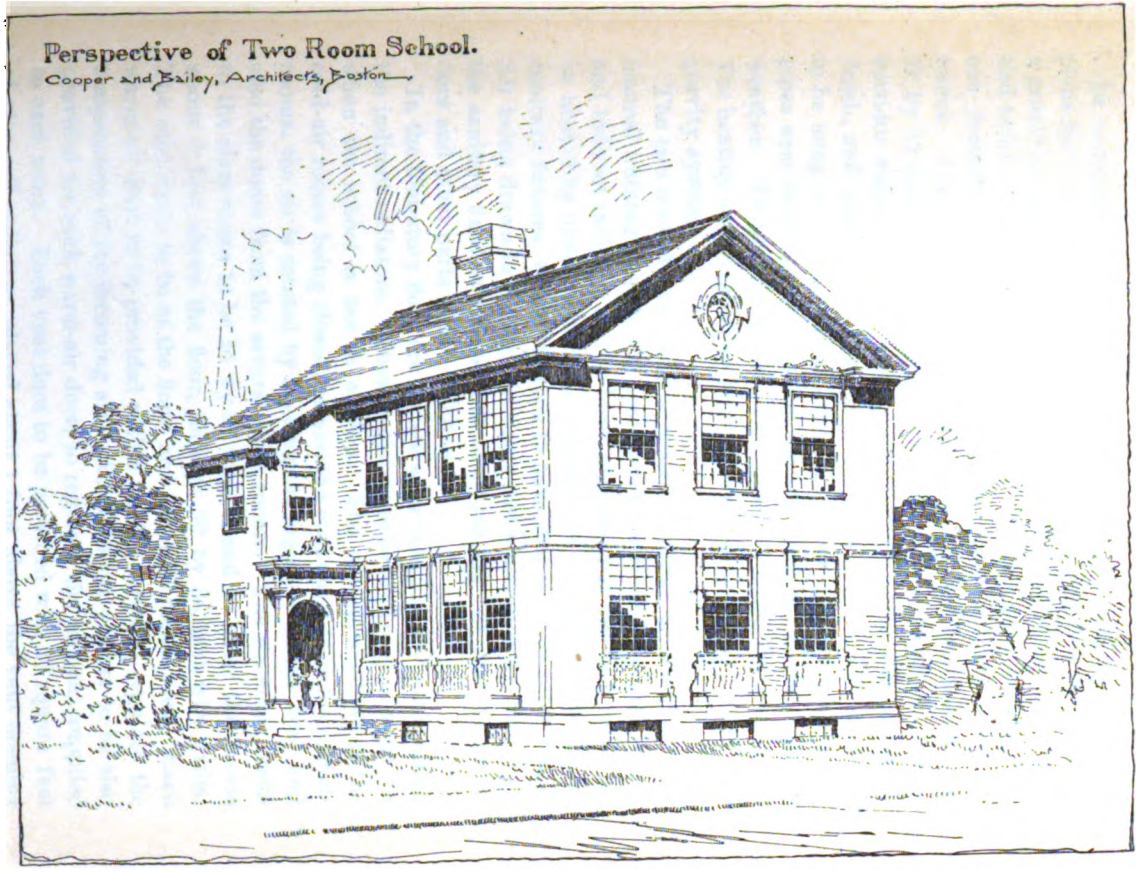

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PLANS FOR A GRAMMAR SCHOOL, DRAWN BY INSPECTOR JOS. A. MOORE.

In compliance with your request, I have the honor to submit plans for a two-story brick school building, intended to be used for a grammar school. The building to be constructed of light mottled brick, with granite trimmings, and to contain six class rooms, one recitation room, a manual training room and two teacher's rooms. Four class rooms to be 28 by 32 feet, and two class rooms 29 by 32 feet and 12 feet high, each intended for 49 pupils. The corridor walls to be of smooth water struck brick, without wood finish, and painted with light-colored gloss paint. The clothing to be hung on special racks, fastened to the walls, and with steam pipes near the floor to warm and dry the clothing in cold, stormy weather. Two-foot warmers to be provided in the lower corridor. The heating and ventilation to be by what is commonly called the gravity system.

The two teacher's rooms to be heated by direct radiation and the manual training room in the basement to be heated by both direct and indirect radiation. The boys' and the girls' sanitary rooms to be heated by direct radiation overhead, and ventilated through the sanitary fixtures, which are each to have four-inch diameter vents. Air being drawn in through the doors and windows and out through the sanitary fixtures will prevent odors passing out into the corridors and other parts of the building.

In the first-story floor are registers for rotating the air through the indirect radiators. These registers to be used only at night, or when the school is not in session. The outside windows to the cold-air rooms being closed, as also the vent ducts from the school-rooms, the air is rotated by opening the registers in the floor and also the doors from the several class rooms. The warm-air ducts to the class rooms to be 24 by 36 inches, and to enter the rooms about 8 feet above the floor, through 30 by 36 inch wire grills. The vent ducts to be at the floor, and 24 by 30 inches area: Each warm-air duct to be provided with a mixing valve to regulate the temperature of the incoming air. An adjusting damper to be also provided for each warm-air duct, to regulate the amount supplied to each room. Each vent duct to be provided with 20 square feet of pipe coil radiation, placed about 1 foot above the vent opening from the school-rooms. The vent from the recitation room to be carried down and through a galvanized-iron duct on the basement ceiling to the brick vent duct for this room, which should have 25 feet of steam pipe radiation. Each sanitary vent to also be provided with steam pipe radiation, say 20 square feet to each

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duct. Each vent duct except the sanitaries to have a damper to close when the building is not in use.

The heating to be by two horizontal tubular boilers of 27 horse-power each, and a small sectional boiler for heating the vent ducts in mild weather when the large boilers are not in use. The boilers to be so piped that either or all of them can be used as desired.

The recitation room to have 300, the two middle class rooms 380, and the four outer class rooms 400, square feet of indirect radiation, to be divided into three sections each, in order that the amount in use can be regulated according to the weather.

The basement entrances to each have a bicycle run to take the bicycles down to the places provided. The doors leading from class and recitation rooms to the corridor to each have a large panel of heavy glass in the centre, and transoms to be provided over the doors. A mirror placed above the hand bowls in the corridors will be of much service to the pupils.

Plans of basement, giving location of manual training room, sanitary rooms and the heating apparatus, also plans of first and second stories, and a sheet giving sections of radiator stacks, warm-air ducts, vent ducts, dampers and hangers for clothing in the corridors, are shown.

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DESCRIPTION OF PLANS FOR HEATING AND VENTILATING, BY INSPECTOR FREDERICK W. MERRIAM.

I have the honor to submit herewith plans for a school building, illustrating a method of ventilation by either gravity or mechanical means of exhaust, with steam heat.

Plate 1. — The basement plan shows the boilers, piping in part, fresh-air rooms and heating chambers. The play and bicycle rooms are heated by direct coils on the ceilings and the sanitary rooms on the walls; and the sanitary rooms are ventilated through the fixtures. The boiler room floor is 4 feet below that of the general basement, insuring perfect circulation and drainage.

Plates 2 and 3. — The first and second story floor plans locate the supply and exhaust flues and connections with their respective rooms, the foot warmers, and direct radiation in the corridors and small rooms. The corridors are ventilated through the coat rooms by open panels in lower part of the doors. The coat racks are of heavy wire netting of large mesh, about five and one half feet in height; and those on walls are furred out sufficient for free circulation of air back of clothing, and all provided with a steam pipe near the floor. An electric motor for propelling the fan is shown in small room off the landing, midway in second story.

Plate 4. — The attic plan shows the exhaust fan room, counter shaft, belt connections, exhaust flues with metal ducts to fan room, and, by dotted lines, the switch damper chains to motor room.

Plate 5. — Shows sectional views through various parts of the building and apparatus. That of A, A, shown by dotted lines, the sanitary vent flues, in part, on basement ceiling; elevation of coat room doors with open panels, in lower part, in first story, and section through coat racks and heating in the second story. But it more particularly illustrates the method of exhaust by either gravity or mechanical means. Each exhaust flue extends to the open air, and is provided with the usual curved dampers, D, D, and sufficient heating surface, E, E, for proper circulation and adjustment for winter weather and night work. These flues are also provided with switch dampers, F, F, above the attic floor, with operating damper-chains to the motor room, thereby enabling the janitor to close the flues to the open air and connect with the fan room whenever mechanical means are desired, and for summer work. Those of B, B, and C, C, are of a section of heating chambers and supply flues, showing a usual method of receiving, tempering and delivering the air; also protecting damper G, G, under the heating surface; operating automatically with the usual tem-

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pering dampers H, which is of great assistance in controlling the temperature of the rooms under certain conditions. That of C, C, also shows, by dotted lines, the carrying of flues to the second story for proper location of inlet.

In the construction, the walls, partitions, heating chambers and flues are of brick or hollow terra-cotta. Steel beams or girders are intended when necessary to give strength and stiffness. Spans between timbers and flues are provided, and floors are fire-stopped where necessary. The sanitaries as shown are not of any special pattern, but should admit of thorough local vent. The general arrangement of the building, lighting of the rooms and egress are worthy of consideration.

Report of Buildings inspected, including Plans received and Changes recommended.

Report of Inspector John T. White.

I have the honor to submit the following report of my work as an inspector of public buildings in District No. 1 for the year ending Oct. 20, 1899.

As usual, my work has been mostly confined to new buildings, plans for which have by law to be filed in this office before erection. The examination and correction of these plans, if correction is needed, and the necessary superintendence required while in progress of erection to ensure compliance with the law and the regulations of this department will occupy a large portion of an inspector's time in a district as large as the one assigned to my care. In addition to this supervision before completion, there is the inspection of and report on ventilation to be made after the building is occupied.

There have been a number of requests made from the local authorities for inspection of buildings represented to be dangerous, and in every such case the work necessary to put them in a safe condition has been cheerfully done by the owners.

The inspection and reinspection of buildings erected before the law of 1888, requiring plans to be deposited with the inspectors, of course goes on as usual, and takes up any time that can be spared from other work; but during the past year I have found it necessary to give few orders in such buildings.

In the matter of ventilation of school-houses I note continued improvement, mainly in the simplicity and economy of the methods employed; and it is in these matters that improvement is

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most needed. There is now no difficulty in supplying to and removing from the rooms all the air that is necessary for first-class ventilation. Many of the larger buildings are heated by steam, but most of the smaller ones, especially those of four rooms and under, are heated by hot-air furnaces. The best work is being done by steam, but some of the furnace work is very good.

I append in a tabulated form the results of my inspection of four buildings, which are fair examples of the work now being done by "gravity systems," so-called, three being heated by steam and one by furnaces. I also append a list of the plans received by me since my last annual report, with such orders or suggestions as I have found it necessary to give at the time the plans were filed or at previous consultation with architects, in order to secure better ventilation or compliance with other provisions of law.

The inspections from which the following report on ventilation is compiled were made in the usual course of work, without previous notice to janitors, and therefore, so far as I know, without any preparation for better than usual work by the apparatus.

School No. 1 is a two-story, four-room building, heated by furnaces, and the air removed through brick chimneys, having a small furnace at the bottom, called a "stack heater." Schools Nos. 2, 3, and 4 are two-story, eight-room buildings, heated by steam, mainly indirect, and the air is removed through brick flues, separate for each room, and heated by steam coils.

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	Schools.			
	No. 1.	No. 2.	No. 3.	No. 4.
Weather,	Fair,	Fair,	Fair,	Fair.
Wind,	North-west, moderate.	South, light.	North, moderate.	North-west, moderate.
Outside temperature,	18°F.	45°F.	22°F.	36°F.
Barometer,	30.6	30.25	30.6	29.90
Temperature of air at inlet to rooms, average,	83°F.	78°F.	79°F.	79°F.
Amount of air supplied to rooms, in cubic feet per minute, average.	1,501	1,521	2,003	2,448
Air removed from rooms, in cubic feet per minute, average.	1,732	1,942	2,695	2,904
Air supply per pupil, in cubic feet per minute, reckoning 50 pupils to room.	30	30.4	40	49
Air removed per pupil, in cubic feet per minute.	34	38	54	58
Greatest air supply to any room, in cubic feet per minute.	1,576	1,808	2,212	2,705
Least air supply to any room,	1,457	1,430	1,715	2,275
Greatest amount of air removed from any room, in cubic feet per minute.	1,835	2,350	3,184	3,042
Least amount of air removed,	1,685	1,732	2,280	2,732
Greatest difference in temperature found in any room, at five different points on the breathing plane.	2°F.	2°F.	3°F.	1°F.
Least difference in temperature so found,	1°F.	0°F.	1°F.	½°F.
Average so found in rooms,	1.25°F.	1.3°F.	1.5°F.	.9°F.
Average temperature in rooms at teacher's desk.	68°F.	71°F.	70.3°F.	71°F.

Plans Received and Changes Recommended.

District No. 1. JOHN T. WHITE, *Inspector.*

Building.	Location.	Changes Recommended.	
Baptist chapel,	Arlington,	-	-
Harvard school,	Cambridge,	In ventilation.	
Otis school,	Cambridge,	-	-
Williston school,	Cambridge,	Better egress.	
North school,	Chelmsford,	In ventilation.	
Asylum building,	Danvers,	-	-
First Evangelical church,	Everett,	In ventilation.	
Winthrop school,	Everett,	-	-
Prospect street school,	Everett,	Widen stairs; change in doors.	
Perley free school,	Georgetown,	-	-

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Plans Received, etc. — Continued.

Building.	Location.	Changes Recommended.
South primary school,	Groveland,	Change in ventilation.
Hobson musee,	Gloucester,	Doors to open out.
Gloucester musee,	Gloucester,	Changes in egress.
Maplewood avenue school,	Gloucester,	- -
Groton school,	Groton,	Improvement in ventilation.
School chapel,	Groton,	- -
Manual training school,	Haverhill,	Fire-stops and ventilation.
Jewish synagogue,	Haverhill,	Egress; fire-stops and ventilation.
Lyra glee club,	Lawrence,	Fire-stops and ventilation.
Father Mathew hall,	Lawrence,	- -
High school,	Lawrence,	Change in stairs and in ventilation.
French parochial school,	Lawrence,	- -
Robinson school,	Lexington,	- -
People's theatre,	Lowell,	Change in doors.
Huntington hall,	Lowell,	- -
Manual training school,	Lowell,	In ventilation.
Nickelodeon,	Lowell,	Change in lighting of stage.
Frederick musee,	Lynn,	- -
St. Jean Baptist school,	Lynn,	Change in stairs and ventilation.
First Pentecostal church,	Lynn,	Provide rear entrance.
Anniversary building,	Malden,	- -
Belmont M. E. church,	Malden,	Ventilation.
Auditorium,	Malden,	- -
St. Paul's church,	Malden,	- -
Priest school,	Manchester,	In ventilation.
Goss' building,	Marblehead,	Change in stairs; fire-stops and ventilation.
Franklin school,	Medford,	- -
Holton block,	Medford,	Fire escape.
Robinson hall,	Medford,	- -
Defferari building,	Melrose,	Stairs widened; fire-escape; improve ventilation.
Fraternity hall,	Newburyport,	Fire-stops and ventilation.
Lawrence library,	Pepperell,	- -
Plummer Farm school,	Salem,	- -
Kimball block,	- -	- -
Pentecostal church,	Saugus,	- -
Lynnhurst school,	Saugus,	- -
A. A. Perry school,	Somerville,	- -

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
Highland school annex,	Somerville,	- -
Anthoine's dance hall,	Somerville,	Widen doors; fire-escape doors and ventilation.
Central club,	Somerville,	Change fire-escape.
Public library,	Somerville,	- -
Forster school,	Somerville,	- -
Broadway hall,	Somerville,	- -
Odd Fellows' hall,	Stoneham,	Fire-stops; change in fire-escape.
North school,	Stoneham,	Additional stairway.
East school,	Stoneham,	Additional stairway.
South school,	Stoneham,	Additional stairway.
State hospital,	Tewksbury,	- -
Woodville school,	Wakefield,	Change in ventilation.
Cummings school,	Woburn,	In ventilation.

Report of Inspector Bardwell.

Herewith are tabulated statements, which I respectfully submit, of the work done in my district during the current year.

There has been an increase over last year in the number of buildings erected, and some of the apartment houses in Cambridge are the largest ever built in the district. It has been my endeavor to closely follow up the fire-stopping of all buildings that come under the law, which, after the ways of egress are provided for, I think is the most important matter for the inspector to consider. There are continually being built tenement houses of three stories of five and six rooms each for one family on a floor, and in towns and cities where there are no building ordinances many of them are dangerous as regards fire; they are invariably of "balloon" construction; the wall ends of the joists being supported upon ledger boards, and where there is no supervision they are usually left without fire-stopping and every space between the studs becomes a chimney for fire and smoke to rise through and fill the house. I believe that it would be for the best interests of owners as well as tenants, if the construction of all tenement houses of five or more rooms above the second story could be brought under State supervision.

Section 45 of chapter 481, Acts of 1894, requires the inspector of buildings or the chief engineer of the fire department of every

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city and town to report annually to the chief of the district police the condition of the rope fire-escapes in hotels and lodging houses. Such reports have been received from six of the forty-eight cities and towns in my district; those, and others requiring orders to properly equip them, have been visited.

The time to devote to inspection work was shortened by one month, on account of special duty performed last winter during the strike at Marlborough.

With two or three exceptions, I think all of the orders given will have been complied with by the time your annual report is issued.

Report of Buildings Inspected.

CLASS No. 1, DISTRICT No. 1. HENRY J. BARDWELL, *Inspector.*

NAME OF BUILDING.	Orders Given.	Compliances.
Arlington.		
Robbins Spring hotel,	Rope fire escapes; repair fire-escapes,	-
Atwood house,	Rope fire-escapes,	-
Ayer.		
Ayer Preserving Co.,	Iron fire-escape; fire-pails,	Complied.
Bay State Wood Rim Co.,	None,	-
Cambridge.		
Stover building,	None,	-
Boston Piano Supply Co.,	Rope fire-escapes,	-
Jensen Brothers (candy),	Iron fire-escape; fire-pails,	Complied.
Hotel Homer,	None,	-
Bay State Confectionery Co,	Outside fire escape; fire-pails,	-
Hazen's candy factory,	Rope fire-escapes; tin ceilings over sugar kettles.	Complied.
Felton hall (dormitory),	Repair fire-escapes; fire-pails; tin boiler ceiling.	-
Robinson & Son (furniture),	Rope fire-escapes,	Complied.
Pratt's tenement block,	None,	-
Henry Thayer & Co. (chemicals),	None,	-
Hotel Packard,	Iron fire-escape; rope fire-escapes; fire-pails.	Complied.
Monk & Boyd's custom laundry,	Iron fire-escape; tin ceiling of boiler room.	Complied.
Petterson's bakery,	Fire-proof ceiling over ovens,	-
Hotel Main,	Iron fire-escape,	-
Gillin's lodging house,	None,	-
Hotel Millen,	Iron fire-balconies,	-
Moulton's ladder shop,	Fire-pails,	Complied.
Sylvester Tower (piano keys),	Iron fire-escape,	-
Concord.		
Boston Harness Co.,	Additional stairway,	Complied.
Hudson.		
Sherman house,	None,	-
American house,	Tin ceiling of boiler room,	Complied.
Union house,	Rope fire-escapes; fire-pails,	-
Hudson house,	None,	-
Lexington.		
Russell House,	Rope fire-escapes,	Complied.
The Leslie hotel,	None,	-
Lowell.		
Lepper's lodging house,	Iron fire-escape; rope fire-escape; fire-pails.	Fire-escape on.
Mussey's steam laundry,	Fire-pails,	Complied.
New England Motor Co.,	Additional egress,	Complied.
Hurtubise's lodging house,	Outside fire-escape; fire-pails; rope fire-escapes.	-

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Report of Buildings Inspected — Continued.

Name of Building.	Orders Given.	Compliances.
Davis' lodging house,	None,	-
Begg's lodging house,	None,	-
McDonald's lodging house,	Iron fire-escape; rope fire-escapes; fire-pails.	-
Barrett's lodging house,	None,	-
Nesmith lodging house,	None,	-
Riley's paper stock factory (No. 1),	Remove obstructions from stairways,	Complied.
Nesmith building,	Additional egress; rope fire-escapes; fire-pails.	Complied.
Parker's tenement house,	None,	-
Marchand's lodging house,	Rope fire-escapes; fire-pails,	Complied.
Wright's tenement house,	Remove obstructions; fire-pails,	Complied.
Bagshaw's machine shop,	Hand rail to stairs,	Complied.
Hotel Vermont,	None,	-
Carruther's loom harness factory,	None,	-
Bon Marché block,	Repair fire-alarm system; rope fire-escapes; fire-pails filled.	Complied.
Old Washington Tavern,	None,	-
Farragut house,	Rope fire-escapes; fire-pails,	Complied.
Rockingham hotel,	Rope fire-escapes; fire-pails,	Complied.
Arlington hotel,	None,	-
Bates' lodging house,	Rope fire-escapes; fire-pails,	Complied.
Brennan's lodging house,	Rope fire-escapes; fire-pails,	Complied.
American house,	Repair and extend fire-alarm system; rope fire-escapes.	Complied.
Belvidere hotel,	None,	-
McGowan's lodging house,	Rope fire-escapes; fire-pails,	Complied.
Crabb's lodging house,	Rope fire-escapes; fire-pails,	Complied.
Gray's tenement house,	None,	-
Carroll's lodging house,	Rope fire-escapes; fire-pails,	-
Nellis' tenement house,	None,	-
Silverblatt's tenement house,	None,	-
Globe hotel,	Rope fire-escapes; fire-pails,	Complied.
Riley's paper stock factory (No. 2),	Outside fire-escape; remove obstructions; fire-pails.	Complied.
Scollan's tenement house,	Iron fire-escape,	Building remodelled.
Lowell inn,	None,	-
Bellmares' lodging house,	None,	-
American Mason Safety Tread Co.,	None,	-
Lowell Waste Co.'s factory,	Outside fire-escape; hand rail to stairs.	Complied.
Ruddock & Sons' shoe shop,	None,	-
U. S. Mailing Case Co.,	None,	-
Thorndike Manufacturing Co.,	None,	-
Wheeler's block,	Unlock hall doors,	Complied.
Wellman's block,	Rope fire-escapes; fire-pails,	-
Highland house,	Rope fire-escapes; repair outside fire-escape,	Complied.
Cook & Taylor's block,	None,	-
Boisvert's tenement house,	Repair outside fire-escape,	Complied.
Given's lodging house,	None,	-
Pelkie's lodging house,	Iron fire-escape; hand rail on stairs; rope fire-escapes; fire-pails.	-
Bertram tenement block,	Two iron fire-escapes,	-
Keefe Brothers' tenement block,	Fire-proof ceiling over ovens,	-
Rowe's tenement block,	Repair outside fire-escapes,	-
Boott cotton mills,	Repair outside fire-escapes,	-
Malden.		
Hotel Malden,	Fire-pails,	Complied.
Grant house,	None,	-
Malden Moulding Co.'s Mill (No. 1),	Hand rails to stairs,	Complied.
Malden Moulding Co.'s Mill (No. 2),	Remove obstructions; hand rails to stairs; fire-pails.	Complied.
The Franklin lodging house,	None,	-
Howard house,	Rope fire-escapes,	Complied.
Evelyn house,	Rope fire-escapes; fire-pails,	-
Victoria hotel,	Rope fire-escapes,	-
Marlborough.		
The Preston hotel,	None,	-
Windsor house,	Rope fire-escapes; fill fire-pails,	Complied.
New Central house,	None,	-

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Report of Buildings Inspected — Concluded.

Name of Building.	Orders Given.	Compliances.
Newton.		
Sturtevant hall (dormitory),	None,	-
Farwell hall (dormitory),	None,	-
Pepperell.		
Flagg Manufacturing Co.,	Outside fire-escapes,	-
The New Prescott hotel,	Rope fire-escapes; fire-pails,	Complied.
Hotel Aldine,	Rope fire-escapes; fire-pails; new balcony railing.	-
Reading.		
Temple's Necktie Manufactory,	None,	-
Somerville.		
Freeman's tenement block,	None,	-
Hotel Woodbridge,	Night watchman; fire-gongs; rope fire-escapes; fire-extinguishers.	Complied.
Stoneham.		
Jenkins' shoe factory,	Remove obstructions; fill fire-pails,	Complied.
T. H. Jones & Co.'s shoe factory,	Hang windows opening on to fire-escape.	Complied.
Cogan's shoe factory,	Fire-pails,	Complied.
Watertown.		
Hood Rubber Co.,	None,	-
Weston.		
Drabbington lodge,	None,	-
Woburn.		
Merriam's hotel,	None,	-

Plans Received and Changes Recommended.

District No. 1. HENRY J. BARDWELL, *Inspector.*

Building.	Location.	Changes Recommended.
Robbin's Springs Hotel,	Arlington,	Outside fire-escapes; fire-stops.
Ladder and hose house,	Belmont,	None.
Swanson's tenement house,	Cambridge,	Fire-stops.
McCloskey & Harty's tenement house.	Cambridge,	Fire-stops.
Green's tenement block,	Cambridge,	Brick division walls; fire-stops.
Hilton's tenement house,	Cambridge,	None.
Squire's pork packing establishment, addition.	Cambridge,	None.
Barnard's apartment house,	Cambridge,	Fire-stops.
Stearns' tenement house,	Cambridge,	Fire-stops.
Blake M'f'g Co.'s factory,	Cambridge,	None.
Strauss' apartment house,	Cambridge,	Outside fire-escape; brick division walls; fire-stops.
National Biscuit Co.'s factory, addition.	Cambridge,	None.
Murphy's tenement house,	Cambridge,	Cut doors through; fire-stops.

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Plans Received, etc. — Continued.

Building.	Location.	Changes Recommended.
Raymond's apartment house, . .	Cambridge, . .	None.
Flamand & Lynch's tenement house,	Cambridge, . .	Fire-stops.
Reycroft's tenement house, . .	Cambridge, . .	None.
La Pierre's tenement house, . .	Cambridge, . .	Outside fire-escape; fire-stops.
Cunningham's tenement house, .	Cambridge, . .	Fire-stops.
Rudrick's apartment house, . .	Cambridge, . .	Brick division wall; fire-stops.
Burns' dormitory, ...	Cambridge, . .	Two outside fire-escapes; fire-stops.
Rosenthal's apartment house, . .	Cambridge, . .	Brick division wall; fire-stops.
The "Bon Ton" apartment house,	Cambridge, . .	Fire-stops.
Mead's tenement house, No. 1, .	Cambridge, . .	Fire-stops.
Mead's tenement house, No. 2, .	Cambridge, . .	Fire-stops.
Doherty's tenement house, . .	Cambridge, . .	Fire-stops.
Riverside Boiler Works factory, .	Cambridge, . .	Fire proof stairways.
Neskoloewsky's tenement house, .	Cambridge, . .	Fire-balcony; fire-stops.
Gustafson's tenement house, . .	Cambridge, . .	None.
Cambridge Real Est. Ass'n's tenement house, No. 1.	Cambridge, . .	None.
Cambridge Real Est. Ass'n's tenement house, No. 2.	Cambridge, . .	None.
Hinds' tenement house, ...	Cambridge, . .	None.
Ivers & Pond's piano factory, addition.	Cambridge, . .	None.
Thorn's tenement house, ...	Cambridge, . .	Fire-balconies; fire-stops.
Fogerty & Daley's dormitory, . .	Cambridge, . .	Fire-stops.
Dennison's tenement block, . .	Everett, . .	Outside fire-escape; fire-stops.
Greene's apartment house, . .	Everett, . .	Fire-stops.
Chemical fire station, ...	Everett, . .	None.
Brett's shoe factory, addition, .	Hudson, . .	None.
Keefe's tenement house, ...	Lowell, . . .	Brick division wall; fire-stops.
American Mason Safety Tread Co.'s factory.	Lowell, . . .	Stairways fire-proofed.
Sullivan's tenement house, . .	Lowell, . . .	None.
Flynn's tenement house, ...	Lowell, . . .	None.
Convent of the Immaculate Conception.	Lowell, . . .	Outside fire-escape; fire-stops.
Scollan's tenement house, . .	Lowell, . . .	Outside fire-escape; fire-stops.
Hall's tenement house, ...	Lowell, . . .	Outside fire-escape; fire-stops.
Foley's tenement block, ...	Lowell, . . .	Brick division walls; fire-stops.
Marin's tenement house, ...	Lowell, . . .	Outside fire-escape; fire-stops.
Lavallee's tenement house, . .	Lowell, . . .	Brick division wall; fire-stops.
Ayer's Sarsaparilla M'f'y, addition,	Lowell, . . .	Additional egress.
Bibeault's tenement block, . .	Lowell, . . .	Brick division walls; fire-stops.

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
Richardson's apartment house, .	Malden, . .	Fire-stops; tinned doors.
Weld's apartment house, . . .	Malden, . .	Fire-stops.
"The Cedars," apartment house, .	Malden, . .	Fire-doors; fire-stops.
"The Woodville," apartment house,	Malden, . .	Fire-doors; fire-stops.
Niedner's woven hose factory, .	Malden, . .	Outside fire-escape.
Hall's factory, ...	Malden, . .	Additional stairway.
Hose house and ward room, . .	Medford, . .	None.
Taylor's apartment block, No. 1, .	Newton, . .	Fire-stops.
Taylor's apartment block, No. 2, .	Newton, . .	Additional egress; fire-stops.
"The Chestnut Hill," apartment house.	Newton, . .	Fire-stops.
Taylor's Center St. apartment block,	Newton, . .	Fire-stops.
Taylor's Washington St. apartment block.	Newton, . .	Fire-stops.
Saco & Pettee machine shop, . .	Newton, . .	Additional stairway.
Flagg's factory, ...	Pepperell, . .	Outside fire-escape.
Hines' tenement house, . . .	Somerville, . .	Fire-stops.
Durrell's apartment house, . .	Somerville, . .	None.
Margon's tenement house, . .	Somerville, . .	None.
Carlson's tenement house, . .	Somerville, . .	Fire-stops.
Oxford Syndicate's tenement block,	Somerville, . .	Balcony; fire-stops.
"The Tyler," tenement house, .	Somerville, . .	None.
Anderson's tenement house, . .	Somerville, . .	Fire-stops.
Cogan's shoe factory, . . .	Stoneham, . .	Outside fire-escape.
Hood's rubber factory, addition, .	Watertown, . .	None.
McCann's tenement house, . .	Watertown, . .	Fire-stops.
"Drabbington Lodge," hotel, . .	Weston, . .	Three outside fire-escapes; fire-stops.
Merriam's hotel, ...	Woburn, . .	None.

Report of Inspector Moore.

I have the honor to submit a report of work done by me for the past year. In the report of buildings inspected only buildings where orders have been given or changes recommended are included. Many other buildings where no orders were given have been inspected. Much of the work performed is of a nature that cannot well be reported in tabulated form. Considerable time has been spent in examining plans and specifications for new buildings, and recommending changes where desired to meet the requirements of the law. Inspecting buildings in process of construction

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also takes much of an inspector's time, to see that fire-stops, etc., are properly put in, several visits often being required to one building. Correspondence with owners and architects is often required. A number of visits were made to buildings where orders have been given in order to secure compliances. Dangerous and unsafe buildings have also required careful attention. Consultations with owners, architects, heating and ventilating engineers and the inspection of the heating and ventilation of public buildings keep the inspector fully employed.

Steady improvement is being made in the heating and ventilation of school-houses and public buildings, and, where janitors give proper attention to the management of the apparatus under their charge, satisfactory results are easily obtained. If contractors and engineers, after completion of their work, would see that janitors are fully instructed in the management of the apparatus, and if committees would also see that the janitors attend to this part of their duty, it would add much to the comfort of teachers and pupils, and make a decided saving in fuel. A first-class apparatus, if not carefully and intelligently used, cannot be expected to give the best results.

The following, from reports made in the regular order of inspection, and without notice to the janitors that would enable them to make special preparation, are: school No. 1, an eight-room brick building, heated by furnaces, and with stack heaters in the vent ducts; No. 2, a six-room brick building, heated by indirect steam; No. 3, a ten-room wooden building, heated by indirect steam, — Nos. 2 and 3 having steam coils in the ventilating shafts and Nos. 1, 2 and 3 having dampers and mixing valves regulated by hand; No. 4, an eight-room brick building, heated by indirect steam, with steam coils in ventilating shafts and with automatic regulation. All four buildings are heated and ventilated by the gravity system.

	School.			
	No. 1.	No. 2.	No. 3.	No. 4.
Weather,	Fair.	Fair.	Cloudy.	Fair.
Wind,	South-west, light.	West, moderate.	West, very light,	North, moderate.
Outside temperature,	36°F.	31.5°F.	30°F.	21°F.
Outside relative humidity,	75%	64%	79%	57%
Barometer,	29.9	30.1	30.45	30.32
Average temperature of air at inlet to rooms,	86°F.	82.5°F.	80.1°F.	87.1°F.

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	School.			
	No. 1.	No. 2.	No. 3.	No. 4.
Average supply of air to each room, in cubic feet per minute.	1,853	2,513	2,079	2,337
Average removal of air from each room, in cubic feet per minute.	2,272	3,024	2,445	2,984
Average number of cubic feet of air supplied for each pupil per minute in building, reckoning on seating capacity.	36.5	52.6	47.98	47.7
Average number of cubic feet of air removed per pupil.	44.77	60.4	56.43	60.9
Greatest amount of air supply, in cubic feet per minute, to any room.	1,937	2,773	2,453	3,247
Least amount of air, in cubic feet per minute, supplied to any room.	1,695	2,202	1,904	1,730
Greatest amount of air, in cubic feet per minute, removed from any room.	2,967	3,204	3,150	3,571
Least amount of air, in cubic feet per minute, removed from any room.	1,615	2,771	1,870	2,103
Greatest difference in temperature in any room, taken at same time at four places on breathing plane.	2	3	3.5	4
Least difference in temperature in any room, taken at same time at four places on breathing plane.	1	0	0	.5
Average difference in temperature, . .	1.7	1.6	1.5	2
Average temperature at teachers' desks in rooms.	72	71.7	69.8	69.5

Plans Received and Changes Recommended.

Districts Nos. 2, 3 and 6. JOSEPH A. MOORE, *Inspector.*

Building.	Location.	Changes Recommended.
Oak Hill Grange hall, ...	Attleborough, .	Fire-stops; change in ventilation.
Dodgeville school, ...	Attleborough, .	Change in ventilation.
Farmer school, ...	Attleborough, .	- -
Penniman school, ...	Braintree, . .	Guarantee of ventilation.
All Saints church, ...	Brookline, . .	Fire stops; guarantee of ventilation.
Manual training school, wood working shop.	Brookline, . .	- -
Leyden Cong. church, ...	Brookline, . .	Fire-stops; change doors; guarantee of ventilation.
School and convent, Church of Assumption.	Brookline, . .	- -
Church of Good Shepherd, parish house.	Dedham, . .	Fire-stops; ventilation not approved.
Gentlemen's driving club house, .	Dedham, . .	- -
Edgartown church, ...	Edgartown, . .	Change in ventilation.
Alteration Woods Holl grammar school.	Falmouth, . .	Changes in ventilation.
Catholic church, ...	Falmouth, . .	Change in gallery stairs.

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Plans Received, etc. — Continued.

Building.	Location.	Changes Recommended.
Academy of Music (changes),	Fall River,	- -
Maluaiti's building,	Fall River,	Fire-escape; change in ventilation.
Newton building,	Fall River,	Fire-stops; door to fire-escape.
Leroy building,	Fall River,	Change in fire-escape and ventilation.
Jeremiah Brown's building (alterations).	Fall River,	Change of doors.
Beaudet building,	Fall River,	Change in fire-escape and doors.
Saint Roch's church and school,	Fall River,	Change in ventilation.
Saint Stanlus church,	Fall River,	Change in exits.
M. T. Hudner building,	Fall River,	Guarantee of ventilation.
St. Mary's parish school,	Franklin,	Fire-stops; change in ventilation.
Appleby and Williams building,	Foxborough,	Fire-escape.
Hospital gymnasium,	Foxborough,	No approval given.
Andrews block,	Holliston,	Fire-stops.
Bancroft memorial library,	Hopedale,	- -
Grammar school (addition),	Hudson,	Additional egress.
L. J. French's building,	Hyde Park,	Fire-stops; additional exits.
B. F. Gifford's block,	Mansfield,	Fire-stops; changes in ventilation.
Centre school (addition),	Mansfield,	- -
Besson block,	Mansfield,	Fire-stops; guarantee of ventilation.
New Gladstone hotel,	Medway,	Fire stops; additional exits.
Tucker school,	Milton,	Fire-stops; guarantee of ventilation.
School building, Milton academy,	Milton,	- -
Preparatory school,	Milton,	- -
Walcott building (alterations),	Natick,	Change stairways.
Myrtle Baptist church,	Newton,	Fire-stops; additional exit; doors changed.
Alms house,	Newton,	- -
Taylor block,	Newton,	Additional exit.
Bigelow school,	Newton,	Guarantee of ventilation.
New Bedford textile school,	New Bedford,	Additional exit; changes in heating and ventilation.
First Portuguese M. E. church,	New Bedford,	Ventilation not approved.
Kilham building,	New Bedford,	Fire-stops; better exit.
Union Baptist church,	New Bedford,	Fire-stops; better ventilation.
Third district court (alterations),	New Bedford,	Better ventilation.
County court house (addition),	New Bedford,	- -
Elm Street school,	No. Attleborough,	Guarantee of ventilation.
Guild school (addition),	Norwood,	Additional exit; fire-stops and guarantee of ventilation.
East school (addition),	Norwood,	Change in ventilation.

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
Finnish Evangelical Mission church,	Quincy,	Change in ventilation.
St. John's Episcopal church,	Sandwich,	Ventilation and heating not approved.
Primary school,	Sharon,	- -
High school,	Southborough,	Change in ventilation.
Trinity Episcopal church,	Stoughton,	Fire stops; ventilation not approved.
Daughters of Rebecca hall,	Swansea,	Additional exit.
Christ church,	Swansea,	Fire-stops; change in ventilation.
Fire and police station,	Taunton,	Change in ventilation; additional exit.
Oakland school (addition),	Taunton,	- -
High school (addition),	Taunton,	Guarantee of ventilation.
Training school for nurses,	Waltham,	Guarantee of ventilation.
First Presbyterian church,	Waltham,	Plans not approved.
Lowell school (addition),	Waltham,	- -
Wayland library,	Wayland,	- -
Whitin observatory,	Wellesley,	- -
Chapel Aid Society building,	Wrentham,	Fire-stops; change doors; better ventilation.
Catholic church,	Yarmouth,	Fire-stops and ventilation.

Report of Buildings Inspected.

Class No. 1, Districts Nos. 2, 3 and 6. JOSEPH A. MOORE, *Inspector.*

Name of Building.	Orders Given.	Compliances.
Barnstable.		
Lewis block (Hyannis),	Change rear door; rail stairs; means to extinguish fire; remove oil from near stairway.	Complied.
Freedom hall (Cotuit),	Fire-escape; rail stairways; doors to open out; remove oil from under stairs; substitute metal for glass lamps in stairway.	Complied.
Braintree.		
Monatiquot school,	Improve sanitaries,	Complied.
Brookline.		
Wollaton apartment house,	Special report,	-
Chatham.		
Town hall,	Fire escape; means to extinguish fire; substitute metal for glass lamps in stairway; remove oil from under stairs.	In process.
Fall River.		
Troy building,	Means to extinguish fire; doors to open out.	Complied.
Dube's hall,	Fire-escape; means to extinguish fire,	Complied.
Greenery block,	Additional stairway; door to open out; fire-stops, means to extinguish fire; repair pier.	Complied.

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Report of Buildings Inspected—Continued.

Name of Building.	Orders Given.	Compliances.
Fall River—Con.		
St. Jean Baptiste hall,	New and better fire-escape; rail stairs; means to extinguish fire.	Complied in part.
Ogden's hall,	Doors to open out; fire-escape bridge,	–
J. R. Leary building (Knights of Columbus hall).	Protect wood around gas heater; vent.	Complied.
Foxborough.		
Grange hall,	Means to extinguish fire; protect wood near steam pipes.	Complied.
Mansfield.		
Centre school,	Better ventilation and sanitaries,	Complied.
Medway.		
Almshouse,	Cut wood away from steam pipes,	Complied.
Natick.		
High school,	Fire escape,	–
Newton.		
Myrtle Baptist church,	Better egress; fire-stops,	Complied.
Newton kindergarten and Froebel school.	Fire-escape; doors to open out; means to extinguish fire.	In process.
New Bedford.		
Harrington school,	Better ventilation,	Complied.
Cumberland hall building,	Fire-escape; doors to open out; means to extinguish fire.	Complied.
Columbia hall building,	Fire-escape; doors to open out,	Complied.
Knights of Columbus hall,	Means to extinguish fire,	Complied.
A. O. H. hall,	Doors to open out,	Complied.
North Attleborough.		
Boyle block,	Doors to open out; means to extinguish fire; improve fire-escape.	Complied in part.
Norfolk.		
Town hall,	Open main doors out; remove oil from under stairs.	Complied.
Orleans.		
I. O. O. F. building,	Better means of egress; remove oil from under stairs.	Complied.
Mechanics' hall building,	Fire-escape; door to open out; change glass lamp in stairway.	Complied.
Quincy.		
Plummer hall,	Fire-escape; open gate out; means to extinguish fire.	Complied.
Southborough.		
High school,	Additional stairway; doors open out; better ventilation.	New building built.
Stoughton.		
Alms house,	Fire-stops,	–
Trinity Episcopal church,	Protect woodwork over furnace,	Complied.
Taunton.		
White's block,	Door to open out; rail stairway; means to extinguish fire.	Complied.
Hoye's block,	Fire-escape; doors to open out; means to extinguish fire.	Complied.
Bristol county national bank building.	Fire-escape; means to extinguish fire,	In process.
Cohannet building,	Means to extinguish fire,	Complied.
Good Samaritan hall building,	Doors to open out; means to extinguish fire.	Complied.
Good Templars' hall,	Fire-escape; doors to open out; means to extinguish fire.	–*
Catholic T. A. and A. Society building.	Remove combustible material from near rear stairs.	Complied.
Waltham.		
Harris house school,	Improve ventilation,	Complied.
Newhall school,	Better ventilation in four rooms,	Complied.
Lowell school,	Better ventilation and sanitaries,	Complied.
Central block,	Means to extinguish fire,	Complied.

* Use of building for lodge rooms discontinued.

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Report of Buildings Inspected — Concluded.

Name of Building.	Orders Given.	Compliances.
Waltham — Con.		
Whitford building (I. O. O. F. hall),	Doors to open out; means to extinguish fire.	Complied.
Eagle block,	Improve fire-escape; means to extinguish fire.	Complied.
Maynard block,	Means to extinguish fire,	Complied.
Priest's block,	Doors to open out; means to extinguish fire.	Complied.
Salvation Army hall,	Fire-escape; doors to open out; means to extinguish fire.	Complied.
Welch's block,	Fire-escape; doors to open out; means to extinguish fire.	Complied.
St. Joseph's C. T. A. building,	Additional stairway; doors to open out.	Complied.
Lafayette hall,	Additional stairway in rear; means to extinguish fire.	Complied.
A. O. U. W. building,	Doors to open out; remove combustible material under stairs; keep rear exit clear; means to extinguish fire; fire-resisting curtain for stage.	Complied.
Union hall,	Main doors to open out; repair rear stairs.	Complied.
Lincoln hall,	Remove inflammable material under main stairs.	Complied.
Walpole.		
High school,	Protect wood over furnace pipes,	Complied.
Wellfleet.		
Union hall building,	Fire-escape; door to open out,	Complied.
High school,	Main doors to open out,	Complied.
First Congregational church,	Main door to open out; substitute metal for glass lamps in corridor.	Complied.
Weymouth.		
Union Congregational church,	Special report; strengthen building,	Complied.
Methodist Episcopal church,	Special report; strengthen building,	Complied.
Yarmouth.		
Lyceum hall,	Doors to open out,	Complied.
Knights of Honor hall,	Fire-escape; remove oil near stairs; substitute metal for glass lamps in stairway.	Complied.

Report of Inspector Brown.

I have the honor to submit the following report of work done during the past year, including a list of plans received, with the changes recommended, also of the buildings inspected, where orders were given to meet the requirements of the several statutes.

The plans of new buildings submitted have been about the same in number as a year ago and have been carefully gone over, and any changes deemed necessary arranged satisfactorily to all interested parties. Many other buildings in process of construction have also been visited, but, having less than ten rooms above the second floor, did not come within the laws applying to tenement buildings.

Six new school-houses are in different stages of construction, the heating and ventilation of which have been well looked after, as well as ways of egress and proper precautions against fire, both

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architects and building committees seeming desirous of securing the best devised system of ventilation, and very willing to adopt any suggestions from this department.

The many summer hotels and boarding houses have been inspected, and the laws applying to them generally found to be well carried out, any failure being an exception, and at once corrected on attention being called to the omission. The various other buildings that I am called upon to inspect have been found to be in equally good condition.

Plans Received and Changes Recommended.

DISTRICT No. 4. EDWIN Y. BROWN, *Inspector.*

BUILDING.	Location.	Changes Recommended.
State Farm Insane Asylum (addition to).	Bridgewater, .	None.
Copeland school-house, ...	Brockton, . .	None.
Hancock school-house, ...	Brockton, . .	Better ways of egress.
Howard school-house, ...	Brockton, . .	None.
Shaw school-house, ...	Brockton, . .	Better ways of egress.
Lithuanian Catholic church, . .	Brockton, . .	Fire-proofing; fire-stops.
Free Baptist church, ...	Brockton, . .	Fire-proofing; fire-stops.
Montello chapel, ...	Brockton, . .	Fire-proofing; fire-stops.
Geo. E. Keith's factory (addition to),	Brockton, . .	None.
W. L. Douglas' factory (addition to).	Brockton, . .	None.
Field, Hazzard Co. factory (addition to).	Brockton, . .	Additional ways of egress.
Fanteaux apartment block, . .	Brockton, . .	Fire-proofing; fire-stops.
Barr's apartment block, ...	Brockton, . .	Fire-proof stairways; fire-stops.
Stevens' apartment block, . .	Brockton, . .	Additional ways of egress; fire-proof stairways; fire stops.
White's block, ...	Brockton, . .	Additional ways of egress; fire-proofing; fire-stops.
Porter's block, ...	Brockton, . .	Fire-proofing; fire-stops.
Centre school-house, ...	Carver, . . .	Better ventilation.
The Tourraine (apartment block), .	Chelsea, . .	Better ways of egress; fire-proof stairways; fire-stops.
Channin's apartment block, . .	Chelsea, . .	Fire-proof stairways; fire-stops.
Bowker's apartment house, . .	Chelsea, . .	Fire-proofing; fire-stops.
Jones' apartment house, ...	Chelsea, . .	Fire-proof stairways; fire-stops.
Rocky Nook school-house, . .	Kingston, . .	Better ventilation.
The Rogers library building, . .	Marshfield, . .	None.
School-house, ...	Middleborough, .	Better ventilation.
The Crescent (hotel), ...	Plymouth, . .	Better ways of egress; fire-stops.
The Plymouth Cordage Co.'s factory building.	Plymouth, . .	None.
The Plymouth Cordage Co.'s library building.	Plymouth, . .	None.

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
Grand Army building, ...	Rockland, . .	Fire-proofing; fire-stops.
Rice & Hutchins' factory (addition to).	Rockland, . .	- -
Jenkins' block (addition to), . .	Whitman, . .	None.
Crest hall (addition to), ...	Winthrop, . .	Fire-proofing; fire-stops.

Report of Buildings Inspected.

Class No. 1, District No. 4. EDWIN Y. BROWN, *Inspector.*

Name of Building.	Orders Given.	Compliances.
Abington.		
Abington hotel, ...	For rope fire-escapes in lodging rooms.	Complied.
Hotel Centre, ...	For rope fire-escapes in lodging rooms.	Complied.
Wilson house, ...	For rope fire-escapes in lodging rooms.	Complied.
Brockton.		
Field's block, ...	For fire-escape; means to extinguish fire	Complied.
Clark's block, ...	For main doors to swing out, . .	Complied.
Carver.		
Centre school-house, ...	For proper ventilation, ...	-*
Chelsea.		
Husted's laundry building, . .	For better ways of egress in case of fire.	Complied.
Duxbury.		
King's hotel, ...	For rope fire-escapes in lodging rooms.	Complied.
Hull.		
Oregon house, ...	For fire-escape, red lights at head and foot of stairs, and notices of ways of egress posted in lodging rooms.	Complied.
Kensmore house, ...	For rope fire-escapes in lodging rooms.	-
Park house, ...	For rope fire-escapes in lodging rooms, and means to extinguish fire.	-†
Middleborough.		
Union Street school-house, . .	For better ventilation, ...	-‡
Plymouth.		
Hotel Crescent, ...	For fire-escape and means to extinguish fire.	Complied.
Atlantic house, ...	For rope fire-escapes in lodging rooms.	Complied.
Revere.		
The Merriwa, ...	For fire escape, means to extinguish fire, rope fire-escapes in lodging rooms.	Partly complied.
The Metropolitan, ...	For rope fire-escapes in lodging rooms and means to extinguish fire.	Complied.
Wareham.		
Washburne house, ...	For fire-escape.	-§
Thompson's hotel, ...	For rope fire-escapes in lodging rooms.	Complied.
Winthrop.		
Crest hall, ...	For rope fire-escapes and means to extinguish fire.	Complied.

* New building to be erected and ventilated. † House burned July 22, 1899.
‡ New building being erected and ventilated. § Will be constructed before house re-opens.

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Report of Inspector Dyson.

I have the honor to submit to you a tabulated report of a part of the duties performed by me during the past year. This includes the plans and specifications submitted to me, with the changes of construction required in order to comply with the requirements of the several statutes; also a list of buildings inspected, when orders for changes were issued; all of which have been or are being complied with without any friction or complaint from the owners thereof.

Plans Received and Changes Recommended.

District No. 5. JOSEPH M. DYSON, *Inspector.*

Building.	Location.	Changes Recommended.
N. Pinstern factory,	Worcester,	Stairs widened.
Allen Wall Paper Co.,	Worcester,	Stairs widened and location changed.
McQuaid's hotel,	Webster,	Additional egress and use of attic forbidden.
Parochial school,	Southbridge,	Additional egress from hall.
Cottage hospital,	Baldwinsville,	Approved.
L. W. Cummings & Son theatre,	Fitchburg,	Additional egress; fire-stops and ventilation.
Theatre,	Fitchburg,	Ducts enlarged.
Commercial building,	Worcester,	Additional egress.
S. M. E. church,	Worcester,	Stairs widened; also main entrance.
Grammar school,	Webster,	Approved.
McGrath's block,	Leominster,	Approved.
Fire Department headquarters,	Southbridge,	Approved.
G. A. Gane factory,	Leominster,	Additional egress.
Worcester County truant school,	West Boylston,	Approved.
Second S. C. church,	Worcester,	Ventilation.
Imanuel C. church,	Worcester,	Ventilation and fire-stops.
Barre high school,	Barre,	Additional egress and fire-stops.
Quinsigamond school,	Worcester,	Ventilation not approved.
Barre high school,	Barre,	Heat and ventilation not approved.
Diamond Match Co. factory,	Athol,	None.
Clinton hospital,	Clinton,	None.
Quinsigamond school,	Worcester,	None.
The Franklin,	Worcester,	Fire-stops.
The Bartlett,	Worcester,	Fire-stops.
The New Nichewany,	Petersham,	Fire-stops and egress; no approval given.
Ocean Institute,	Worcester,	None.
Grafton Street school,	Worcester,	Ventilation not approved.

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
Wire Goods Co. factory,	Worcester,	Additional egress.
Old Ladies' Home,	Fitchburg,	No approval given.
Oil Gas Stove Co. factory,	Gardner,	None.
Heywood Bros. factory,	Gardner,	Fire-stops.
Templeton Inn,	Templeton,	Additional egress; fire-stops; no approval given.
Heywood Bros. and Wakefield Co.,	Gardner,	None.
Spencer Wire Co. factory,	Worcester,	None.
E. Belisle apartment block,	Worcester,	None.
High school,	Grafton,	Fire-stops.
Grammar school,	North Grafton,	Fire-stops.
Heating and ventilating high school,	North Grafton,	Enlarged ducts.
Grammar school,	Farnumsville,	None.
Grammar school,	Saundersdale,	Ventilation not approved.
North Street school,	Grafton,	Ventilation not approved.
Grammar school,	Farnumsville,	Ventilation not approved.
North Grafton school,	North Grafton,	Egress and ventilation not approved.
R. G. White commercial block,	Worcester,	Additional egress.
Prentice block,	Worcester,	Fire-stops.
Model school,	Fitchburg,	No approval given.
Grammar school,	Clinton,	No approval given.
State industrial school,	Lancaster,	Fire-stops.
Powell Planer Co.,	Worcester,	None.
City hospital,	Worcester,	None.
Parkhill mills,	Fitchburg,	None.
Grammar school,	Charlton,	Of vent ducts.

Report of Buildings Inspected.

Class No. 1, District No. 5. JOSEPH M. DYSON, *Inspector*.

Name of Building.	Orders Given.	Compliances.
Worcester.		
Labor Union hall,	Remove rubbish and obstruction from fire-escape.	Complied.
Bigelow's bicycle factory,	To change location of stairs and sanitaries.	Complied.
St. Anne's Orphanage,	Fire-escape,	Complied.
St. Vincent's hospital,	Additional stairs to attic,	Complied.
E. N. Dean's factory,	To repair fire-escape,	Complied.
Worcester Envelope Co.,	Additional egress,	Complied.
The Belimur,	For watchman, red lights and rope escapes.	Complied.

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Report of Buildings Inspected—Concluded.

Name of Building.	Orders Given.	Compliances.
Worcester—Con.		
Y. M. C. A. club house,	Brackets to support balcony and supports to building strengthened.	Complied.
King's Own lodging house,	Fire escape,	Complied.
Y. M. C. U. hall,	Fire escape,	Not complied.
Park theatre,	Seats changed in balcony,	Complied.
Worcester theatre,	Outside entrance enlarged,	Complied.
Washburn apartment block,	Remove obstructions on stairs,	Complied.
Grace church,	Ventilation,	Complied.
Gardner.		
Stevens block,	Fire-escape,	Complied.
Ryan Bros. block,	Fire-escape,	Complied.
Garland block,	To repair fire-escape,	Complied.
Clinton.		
American house,	Rope escapes,	Complied.
Corporation boarding house,	Rope escapes,	Complied.
Grafton.		
High school,	For ventilation and sanitaries,	New house to be built.
Centre brick school,	For ventilation and sanitaries,	Work in progress.
Grammar school,	For ventilation and sanitaries,	Work in progress.
Saundersville school,	For ventilation and sanitaries,	About completed.
North Grafton school,	For ventilation,	Work in progress.
Waterville school,	Ventilation,	Work in progress.
Baby school,	Recommended it to be closed,	New buildings being erected.
Vestry school,	Recommended it to be closed,	New building being erected.
Engine house school,	Recommended it to be closed,	New building being erected.

Report of Inspector Foulds.

I have the honor to submit a tabulated report for the past year of the plans of buildings received, including the changes required before approving them, together with such buildings inspected in District No. 6, and orders issued to secure the safety of employees and occupants, as authorized by the statutes. The duty of inspecting buildings already occupied, and of examining plans of certain buildings to be constructed or in course of construction, has been performed by authority of certain sections of chapter 481 of the Acts of 1894.

During the past year I have inspected many factories, hotels, boarding and lodging houses, also tenement blocks, and have found it necessary in many instances to have additional ways of egress. In others I have ordered means of extinguishing fire and portable fire-escapes in lodging rooms, or other better means of escape in case of fire. I have visited the different theatres and places of assemblage in this district, and am pleased to state that I have

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received no complaints as to overcrowding, or seats being placed in aisles, and believe the managers are complying with the provisions of section 24 of chapter 481. In the matter of fire-stops being placed in new buildings, I am pleased to say that in many instances in this district where the buildings do not come under the provisions of chapter 481 of the Acts of 1894, the owners, having seen the benefits derived by them, are putting them in. In conclusion, would say that the orders issued by me have been, with few exceptions, cheerfully complied with.

Plans Received and Changes Recommended.

DISTRICT NO. 6. JOHN E. FOULDS, *Inspector.*

BUILDING.	Location.	Changes Recommended.
Makepeace jewelry factory,	Attleborough,	Partitions to water closets; outside fire-escape.
Bates jewelry factory,	Attleborough,	Fire-stops.
Bigney jewelry factory,	Attleborough,	Fire-stops.
Addition to Hotel Pines,	Barnstable,	Fire-stops; additional egress.
Quinn tenement block,	Fall River,	Fire-stops.
Dunn building,	Fall River,	Outside fire-escapes; fire-stops.
Marshall hat factory,	Fall River,	Outside fire-escapes; doors to open out.
Marshall plank shop,	Fall River,	No change.
McGuire tenement block,	Fall River,	Fire-stops.
Stevens Mfg. Co., addition,	Fall River,	Outside fire-escapes.
Hargraves Mill No. 3, addition,	Fall River,	No change.
Duhamel tenement block,	Fall River,	Outside fire-escapes.
McLachlan tenement block,	Fall River,	Additional egress; fire-stops.
Hindle tenement block,	Fall River,	Outside fire-escape; fire-stops.
Hargraves Mill No. 2, addition,	Fall River,	No change.
Ryley tenement block,	Fall River,	Fire-stops.
Ahassy tenement block No. 1,	Fall River,	Fire-stops.
Ahassy tenement block No. 2,	Fall River,	Fire-stops.
Sunderland tenement block,	Fall River,	Fire-stops.
R. A. McWhin, addition,	Fall River,	No change.
Booth's block,	Fall River,	Fire-stops.
Chapman's tenement block,	Fall River,	Fire-stops.
Sippowisset hotel,	Falmouth,	Means of extinguishing fire; balconies to be extended; railed stairs to connect same; fire gong; red lights; rope fire-escapes; fire-stops.
W. S. Hill Electric Co., addition,	New Bedford,	Remove window from stairs; means of extinguishing fire; additional water closets.

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Report of Buildings Inspected.

CLASS NO. 1, DISTRICT NO. 6. JOHN E. FOULDS, *Inspector.*

NAME OF BUILDING.	Orders Given.	Compliances.
Attleborough.		
Bushee jewelry factory,	Means of extinguishing fire; doors to open out.	Complied.
Wilmarth jewelry factory,	Doors to open out,	Complied.
Central house,	Replace portable fire-escapes in a certain room.	Complied.
Briggs house,	Means of extinguishing fire,	Complied.
Simpson house,	Doors to open out,	Complied.
Chilson house,	None,	-
Park hotel,	None,	-
Portabilio house,	None,	-
Barnstable.		
Hotel Pines,	Rail stairs; portable fire-escapes and post notices.	Complied.
Santuit house,	None,	-
Sepuit Club house,	Portable fire-escapes,	Complied.
Pine cottage,	Means of extinguishing fire and post notice to portables.	Complied.
The Cotochesett,	Rail and counterweight stairs to outside fire-escape; fire gong on second floor; repair and replace portable fire-escapes.	Complied.
East Bay lodge,	None,	-
Chequaquett inn,	Protect woodwork near range with metal; mark ways of egress; portable fire-escapes and means of extinguishing fire.	Complied.
Craigville inn,	Portable fire-escapes and means of extinguishing fire.	Complied.
Barnstable inn,	None,	-
Port View hotel,	New stairs and balcony to outside fire-escapes; change hooks to portable fire-escapes.	Will comply.
Hallett house,	None,	-
Iyanough house,	None,	-
Cottage City.		
Wesley house,	Means of extinguishing fire and repair outside fire-escapes.	Complied.
Central house,	Portable fire-escapes in certain rooms and means of extinguishing fire.	Complied.
Pawnee house,	Repair and replace portable fire-escapes; change hooks in certain rooms.	Complied.
Hotel Metropolitan,	Repair all balconies on hotel and extend outside fire-escapes.	Will comply.
Cottage City house,	None,	-
Hotel Naumkeag,	None,	-
Searell house,	None,	-
Island house,	None,	-
Vineyard Grove house,	None,	-
Frasier house,	Means of extinguishing fire,	Complied.
Attleborough Cottage,	None,	-
Chatham.		
Dill house,	Put portable fire-escapes in good order.	Complied.
Ocean house,	Change hooks to portables and put portable fire-escapes in certain rooms.	Complied.
Dartmouth.		
Salter Point inn,	None,	-
Dennis.		
Nobscussett house,	None,	-
Edgartown.		
Harbor View hotel,	None,	-
Kelly house,	None,	-

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Report of Buildings Inspected — Continued.

Name of Building.	Orders Given.	Compliances.
Fall River.		
Partridge tenement block,	None,	-
Kayton block,	None,	-
Shon's tenement block,	Outside fire escapes; cut doors,	Partial compliance.
Long's tenement block,	None,	-
Duber tenement block,	None,	-
Quinn tenement block,	None,	-
Borins tenement block,	None,	-
Gabbott's tenement block, No. 1,	Remove obstructions from stairs,	Complied.
Gabbott's tenement block, No. 2,	None,	-
Gabbott's tenement block, No. 3,	None,	-
Gabbott's tenement block, No. 4,	Remove obstructions from stairs,	Complied.
Laliberte tenement block,	None,	-
Kinlevitch tenement block,	None,	-
Labbes block,	Smoke door and rail stairs,	Complied.
Lavigne tenement block, No. 1,	None,	-
Lavigne tenement block, No. 2,	None,	-
M. A. Sullivan tenement block,	None,	-
P. R. Sullivan tenement block,	Extend and remove obstructions from fire-escapes.	Complied.
Davenport tenement block,	None,	-
Gaynon tenement block,	None,	-
Waken tenement block,	None,	-
Maynard tenement block,	None,	-
Janson block,	None,	-
McNulty tenement block, No. 1,	None,	-
Hoy building,	Guard steam-pipes and heater,	Complied.
McNulty tenement block, No. 2,	None,	-
Desmond tenement block,	None,	-
McNulty tenement block, No. 3,	None,	-
Joseph's tenement block,	Additional means of egress,	Complied.
Berard's tenement block, No. 1,	None,	-
Berard's tenement block, No. 2,	None,	-
Small Bros. factory,	Additional means of egress; doors to open out.	Complied.
Wadsworth tenement block,	None,	-
Canning tenement block,	Better means of egress and guard steam-pipes.	Complied.
Mello tenement block,	Better means of egress,	Complied.
Fletcher's block,	None,	-
Fletcher's tenement block, No. 1,	None,	-
Fletcher's tenement block, No. 2,	None,	-
Hathaway tenement block,	None,	-
Hindle tenement block, No. 1,	None,	-
Hindle tenement block, No. 2,	None,	-
Hindle tenement block, No. 3,	None,	-
Kershaw's tenement house,	None,	-
Maine's tenement house,	Outside fire escapes,	Complied.
Murray block,	None,	-
Greenberg block,	None,	-
Frenette tenement house,	Better means of egress,	Complied.
Tomlinson block,	Additional means of egress,	Complied.
Howarth block,	Repair outside fire-escapes,	Complied.
Murphy lodging house,	None,	-
Mansion lodging house,	Outside fire-escape; portables in certain rooms.	Complied.
Harrington block,	None,	-
Monach block,	Repair outside fire escapes,	Complied.
Lewis waste mill,	Additional means of egress; means of extinguishing fire; rail stairs.	Complied.
Eagan block,	None,	-
O'Neil tenement block,	Remove obstructions from doors,	Complied.
Mason block,	Outside fire-escapes,	Partial compliance.
Zeman block,	Outside fire-escapes; cut doors,	Complied.
Connors block,	None,	-
White House restaurant,	Outside fire-escapes; portables in certain rooms; means of extinguishing fire; cut doorways.	Complied.
St. George block,	None,	-
Morin block,	Outside fire-escape; cut doorways,	Partial compliance.

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Report of Buildings Inspected — Continued.

Name of Building.	Orders Given.	Compliances.
Fall River — Con.		
Union Mill, No. 1,	Door to open out; extend and repair fire-escapes.	Complied.
Wampanoag Mill, No. 1,	Doors to open out,	Complied.
Trepanier tenement block,	None,	-
Miller's lodging house,	None,	-
Ye Tavern,	None,	-
St. James hotel,	None,	-
Picatte tenement block,	Better means of egress,	Complied.
City hotel,	Doors to open out; means of extinguishing fire.	Complied.
Mellen house,	None,	-
Gifford's lodging house,	Means of extinguishing fire,	Complied.
Hart's lodging house,	Means of extinguishing fire,	Complied.
Narragansett hotel,	None,	-
Evans house,	None,	-
Richardson house,	Means of extinguishing fire,	Complied.
The Wilbur,	None,	-
Hawkins house,	Means of extinguishing fire,	Complied.
Puritan house,	Make hooks to rope fire-escapes secure.	Complied.
Mofitt house,	Portable fire-escapes and means of extinguishing fire.	Complied.
Commonwealth house,	None,	-
McKinley house,	Portable fire-escapes in certain rooms; means of extinguishing fire.	Complied.
Gagamche block,	Outside fire-escapes; means of extinguishing fire; cut doorways.	Partial compliance.
Doucet block,	None,	-
Thibault block,	Additional ways of egress,	Partial compliance.
Gamache block,	None,	-
McDonald block,	None,	-
Priestly block,	None,	-
Gorman's block,	Better means of egress,	Complied.
Summersell block,	None,	-
Falmouth.		
Tower house,	None,	-
Craig house,	None,	-
Vineyard Sound house,	None,	-
Hotel Falmouth,	Portable fire-escapes in certain rooms; means of extinguishing fire.	Complied.
Nobska House,	Means of extinguishing fire,	Complied.
Dexter house,	None,	-
Harwich.		
Snow inn,	Portable fire-escapes in certain rooms,	Complied.
Mansfield.		
Mansfield house,	None,	-
Central house,	None,	-
Littlebridge building,	None,	-
New Bedford.		
Russell house,	Portable fire-escape,	Complied.
Milliken block,	Fire-proof stairs and brick elevator well.	Complied.
Fragena block, No. 1,	Means of extinguishing fire,	Complied.
Fragena block, No. 2,	Means of extinguishing fire,	Complied.
Laport block,	Means of extinguishing fire,	Complied.
Lebeau tenement block,	Means of extinguishing fire,	Complied.
Frigault tenement block,	Means of entinguishing fire,	Complied.
Souey tenement block, No. 1,	Means of extinguishing fire,	Complied.
Souey tenement block, No. 2,	Means of extinguishing fire,	Complied.
Frechette block,	Means of extinguishing fire,	Complied.
Lebeau block,	Means of extinguishing fire,	Complied.
Lord's tenement block,	None,	-
Lebeau tenement block,	None,	-
Whitcomb house,	Change hooks to portables; doors to open out.	Complied.
Wamsutta lodging-house,	None,	-
Park hotel,	None,	-

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Report of Buildings Inspected — Continued.

Name of Building.	Orders Given.	Compliances.
New Bedford — Con.		
Bristol hotel,	Front door to open out,	Complied.
Whitman house,	Portable fire-escapes,	Complied.
Winthrop house,	Portable fire-escapes in certain rooms; guard steam-pipes and rail bridge.	Complied.
Vesta house,	Outside fire-escapes; cut doors; means of extinguishing fire.	Complied.
Hotel Reynard,	Portable fire-escapes and means of extinguishing fire.	Complied.
Parker house,	Repair fire gong,	Complied.
Revere house,	Portable fire-escapes and means of extinguishing fire.	Complied.
The Sheldon,	None,	-
Mansion house,	None,	-
Manhattan house,	None,	-
Putz lodging house,	None,	-
Brownell tenement block, No. 1,	None,	-
Brownell tenement block, No. 2,	None,	-
North Attleborough.		
Codding jewelry factory,	Outside fire-escape; means of extinguishing fire.	Complied.
Draper's jewelry factory,	Keep doors unlocked; means of extinguishing fire; doors to open out.	Complied.
Whitney building,	Doors to open out,	Complied.
International hotel,	None,	-
Wamsutta house,	Portable fire-escapes; red lights; fire gong; means of extinguishing fire.	Complied.
Nantucket.		
Point Breeze,	Portables in certain rooms; post notices; means of extinguishing fire.	Complied.
The Nantucket,	Extend and repair fire-escapes; replace rope fire-escapes; replace fire gong; red lights; close attic rooms.	Complied.
Ocean house,	Portable fire-escapes in certain rooms; means of extinguishing fire.	Complied.
Springfield house,	Rail stairs to fire-escapes; portable fire-escapes in certain rooms; means of extinguishing fire; post notices.	Complied.
Springfield house annex, No. 1,	Post notices to portables; means of extinguishing fire.	Complied.
Springfield house annex, No. 2,	Portable fire-escapes in certain rooms; post notices; means of extinguishing fire.	Complied.
Sherburne house,	Means of extinguishing fire,	Complied.
Sea Cliff inn,	Additional fire gong,	Complied.
Atlantic house,	Means of extinguishing fire,	Complied.
Ocean View house,	None,	-
Ocean View annex,	None,	-
Holiday inn,	None,	-
The Gables,	Portable fire-escapes in certain rooms; change hooks to portables; means of extinguishing fire.	Partial compliance.
Veranda house,	None,	-
Orleans.		
Shattuck house,	None,	-
Provincetown.		
Pilgrim house,	Portable fire-escapes in certain rooms; post notices.	Complied.
Central house,	Post notices to portable fire-escapes; means of extinguishing fire.	Complied.
Gifford house,	Post notices to portable fire-escapes; means of extinguishing fire.	Complied.
Atlantic house,	Post notices to portable fire-escapes; means of extinguishing fire.	Complied.
Taunton.		
Newmarket mill,	None,	-
American house,	None,	-
Taunton house,	Portable fire-escapes in certain rooms; means of extinguishing fire; front door to open out.	Complied.

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Report of Buildings Inspected—Concluded.

Name of Building.	Orders Given.	Compliances.
Taunton—Con.		
Central house,	Portable fire-escapes in certain rooms.	Complied.
Cosmopolitan house,	Portable fire-escapes and means of extinguishing fire.	Complied.
City hotel,	Extend outside fire-escapes; red lights and means of extinguishing fire.	Complied.
Hotel Bristol,	None,	-
Hotel Prospect,	Remove obstructions to doors,	Complied.
Norfolk house,	None,	-
Winsor house,	Replace portable fire-escapes,	Complied.
Quincy house,	Portable fire-escapes and means of extinguishing fire.	Complied.
Barber house,	None,	-
Corr mill boarding house,	None,	-
Tisbury.		
The Innisfail,	None,	-
The Tashmoo,	None,	-
Mansion house,	None,	-
The Cedras,	Means of extinguishing fire,	Complied.
Westport.		
Harbor house,	None,	-
Howland house,	None,	-
Wellfleet.		
Holbrook house,	None,	-

Report of Inspector Buxton.

I have the honor to submit the following tabulated report of work done during the past year in District No. 7, which comprises Hampden and Hampshire counties. This report does not set forth all of the work, nor can any report that I can make fully describe it, as much time has been taken up in looking over plans, advising with committees, and looking after the work required in new buildings to prevent the spread of fire, etc. During the year many buildings that have been previously provided with means of egress have been inspected which are not in the tabulated report, as the buildings were found to be in good condition and the means of egress ample. I have also been called upon to inspect buildings that were considered dangerous, all of which have been put in safe condition.

Plans Received and Changes Recommended.

District No. 7. WARREN S. BUXTON, *Inspector.*

Building.	Location.	Changes Recommended.
M. Constiable's tenement block,	Chicopee,	Fire-stops.
Grape Street school,	Chicopee,	Ventilation; fire-stops.
Olmsted & Tuttle's factory,	Chicopee,	Better egress; fire-stops.

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Plans Received, etc. — Continued.

Building.	Location.	Changes Recommended.
East Street school building, . .	Chicopee, . .	Ventilation; fire-stops.
Foresters hall, ...	Chicopee, . .	Fire-stops.
J. Stevens Arms & Tool Co. (addition to factory).	Chicopee, . .	Better egress; fire-stops.
La Liberty Brothers tenement block,	Holyoke, . .	Fire-stops.
Sisters of Providence home for aged women.	Holyoke, . .	Fire-stops.
La France tenement block, . .	Holyoke, . .	Fire-stops.
Liberty Brothers tenement block, .	Holyoke, . .	Fire-stops.
P. H. Kochler's tenement block, .	Holyoke, . .	Fire-stops.
R. Barkhardt's tenement block, .	Holyoke, . .	Fire-stops.
A. Steiger's block, ...	Holyoke, . .	Fire-stops.
Charles Brueck's tenement block, .	Holyoke, . .	Fire-stops.
Thomas Dillon's tenement block, .	Holyoke, . .	Fire-stops.
B. Trowbridge's tenement block, .	Holyoke, . .	Fire-stops.
T. J. Flanagin's hotel block, . .	Holyoke, . .	Fire-stops.
John Murphy's tenement block, .	Holyoke, . .	Fire-stops.
St. Jerome chapel, ...	Holyoke, . .	Fire-stops; ventilation.
Peter Daffy's tenement block, .	Holyoke, . .	Fire-stops.
German Lutheran church, . .	Holyoke, . .	Ventilation; fire-stops.
J. E. Langlois tenement block, .	Holyoke, . .	Fire-stops.
Besse, Mills block, ...	Holyoke, . .	Fire-stops.
John McAuslin & Wakiin's business block.	Holyoke, . .	Egress; fire-stops.
Maurice Fenton's tenement block, .	Holyoke, . .	Fire stops.
Ball's block, ...	Holyoke, . .	Means of egress.
J. Jesmin's tenement block, . .	Holyoke, . .	Fire-stops.
St. Mary's temperance hall, . .	Palmer, . .	Ventilation; fire-stops.
Red Men's hall, ...	Russell, . .	Additional egress.
Mt Holyoke college dormitory, No. 6,	South Hadley, .	Fire-stops.
Mt. Holyoke college gymnasium, .	South Hadley, .	Ventilation; fire-stops.
Heimann & Lichten (addition to factory).	Munson, . .	Fire-stops.
Ludlow M'f'g Co. factory, . .	Ludlow, . .	Fire-stops.
Clark school gymnasium, . .	Northampton, .	Ventilation; fire-stops.
Miss B. F. Capin gymnasium, . .	Northampton, .	Ventilation; fire-stops.
Smith college chemical laboratory, .	Northampton, .	Ventilation; fire-stops.
Seelye Hall Smith college, . .	Northampton, .	Ventilation and fire-stops.
Florence grammar school building, .	Northampton, .	Ventilation and fire-stops.
Otis Co. mill, ...	Ware, . . .	Fire-stops.
Shurtleff mission for children, .	Westfield, . .	Ventilation and fire-stops.

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
D. L. Gillett's block,	Westfield,	Fire-stops.
Textile Mfg. Co. factory,	Westfield,	Fire-stops.
Normal training school,	Westfield,	Ventilation and fire-stops.
J. C. Buschman's hotel,	Westfield,	Fire-stops.
A. A. Morse tenement block,	Springfield,	Fire-stops.
Charles E. Rice tenement block,	Springfield,	Fire-stops.
E. F. Pierce tenement block,	Springfield,	Fire-stops.
S. A. Ryon's No. 1 tenement block,	Springfield,	Fire-stops.
S. A. Ryon's No. 2 tenement block,	Springfield,	Fire-stops.
S. A. Ryon's No. 3 tenement block,	Springfield,	Fire-stops.
S. A. Ryon's No. 4 tenement block,	Springfield,	Fire-stops.
S. A. Ryon's No. 5 tenement block,	Springfield,	Fire-stops.
C. J. Gagnier's tenement block,	Springfield,	Fire-stops.
French American college dormitory,	Springfield,	Egress and fire-stops.
A. G. Buckler's tenement block,	Springfield,	Fire-stops.
Charles Rogers tenement block,	Springfield,	Fire-stops.
Home for aged women,	Springfield,	Fire-stops.
Hotel Hankins,	Springfield,	Fire-stops.
O. A. Rivers tenement block,	Springfield,	Fire-stops.
Jacob Gilsbury's tenement block,	Springfield,	Fire-stops.
F. Newman's tenement block,	Springfield,	Fire-stops.
Bemis & Call's factory,	Springfield,	Fire-stops.

Report of Buildings Inspected.

Class No. 1, District No. 7. WARREN S. BUXTON, *Inspectar.*

Name of Building.	Orders Given.	Compliances.
Chicopee.		
Chicopee Mfg. Co.'s boarding houses.	No order given,	-
No. 19 Market Street,	Rope fire-escapes were found in bad condition but were put in proper order at the time of inspection.	-
No. 20 Market Street,		
No. 23 Market Street,		
No. 24 Market Street,		
No. 29 Market Street,		
No. 30 Market Street,		
No. 33 Market Street,		
No. 34 Market Street,		
De Gray hotel,	No order given,	-
Wildes hotel,	No order given,	-
Kendall hotel,	No order given,	-
Brimfield.		
Brimfield house,	Rope fire-escapes,	Complied.

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Report of Buildings Inspected — Concluded.

Name of Building.	Orders Given.	Compliances.
Cummington.		
Union house,	No order given,	-
Deer Hill house,	No order given,	-
Goshen.		
Highland hotel,	No order given,	-
Holyoke.		
J. Kenney's tenement block,	No order given. Obstructions were found on the fire-escapes but were removed at the time of inspection.	-
G. Patvin's tenement block,		
No. 101 Lyman Street,		
No. 105 Lyman Street,		
No. 93 Lyman Street,		
No. 89 Lyman Street,		
No. 17 Grover Street,		
No. 15 Grover Street,		
Holyoke St. Ry. tenement block, No. 13 Grover Street.	Repair fire-escape,	Complied.
Herder's block,	Additional means of egress; fire and smoke-stops.	-
Ball's block,	Fire-escape,	Complied.
Northampton.		
Dewey house, Smith college,	Rope fire-escapes,	Complied.
Rahar's inn,	No order given,	-
Mansion house,	No order given,	-
Palmer.		
Converse house,	No order given,	-
Nassowanno house,	No order given,	-
Springfield.		
National house, I. O.,	No order given,	-
Indian Leap hotel, I. O.,	No order given,	-
Birnie block,	Fire-escape,	Complied.
Old Republican block,	Fire-escape,	Complied.
City hotel,	No order given,	-
Learche's hotel,	Rope fire-escape,	Complied.
American house,	No order given,	Complied.
South Hadley.		
Mt. Holyoke College, —		
Dormitory No. 1,	Rope fire escapes,	Being put in.
Dormitory No. 2,	Rope fire-escapes,	Being put in.
Dormitory No. 3,	Rope fire-escapes,	Being put in.
Dormitory No 4,	Rope fire-escapes,	Being put in.
Dormitory No. 5,	Rope fire-escapes,	Being put in.
Dormitory No. 6,	Rope fire-escapes,	Being put in.
Williamsburg.		
Williams house,	No order given,	-

Report of Inspector Cheney.

I have the honor to make the following report, together with tabulated reports, of the work performed by me in District No. 8.

At the beginning of the year I was called upon to do criminal duty for several weeks, in consequence of which my regular inspections were somewhat delayed. The construction of new buildings and the laws relating to same have occupied more of my time during the past year than has been the case in former years. The time spent with architects, owners and contractors the year past has been no small amount. The closer the construction of new

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buildings are looked after, the more the architects, owners and contractors are looking for the inspector, being very anxious not to do anything that will not meet with his approval, it being much cheaper to do the work right in the first place than to tear it down and do it over again. This being the case in some instances has served to make them more careful, and consultation with the inspector in relation to the various matters that may come up has been of frequent occurrence.

The method adopted by some of the architects in relation to the specification for fire-stopping has had the effect to place the responsibility for its being carried out entirely upon the inspector, requiring still more of his time on such buildings. They use our printed form of specification in its entirety, and specify no particular section, leaving the matter entirely between the contractor and the inspector or owner. This has caused some considerable argument between myself and some contractors the past year, the contractor claiming that I could not properly call on him to do more or different fire-stopping than was particularly specified in the various sections, and I claiming that under the last clause he was obliged to do whatever I thought necessary. In this matter I have usually had my way, but what the owners may have to say about the matter in the future I am unable to state, as in some cases a bill of extras has been made out against them for doing this work.

There are certain localities in my district that should be looked after by some one having more authority than I, and in such localities there should be authority established by law or ordinance, whereby the thickly settled communities could be better protected from the danger that would most certainly arise should a fire of much magnitude occur among them. The practice that is common in certain large manufacturing cities in my district, of building high wooden tenement houses so close together as to have scarcely room for a walk between, should not be tolerated in any community; and they are a source of much annoyance and anxiety to me, lest something required by the laws that I am called upon to enforce is left undone, thereby making the danger in case of fire greater than it would be if all of our instructions were carefully carried out. On account of this I am obliged to give the larger part of new buildings greater attention and more time than would be necessary were they located among different surroundings.

Section 44 of chapter 481, Acts of 1894, relating to portable fire-escapes in hotels, boarding and lodging houses containing ten or more rooms above the second floor, "not otherwise properly provided with fire-escapes," requires constant attention from the inspector. Nearly all such buildings have been equipped in my

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district, and yet every year I find more or less rooms in the above-named buildings without them. In many cases the occupants take them away, and oftentimes the proprietors are not aware they are gone until I call their attention to the fact that they are missing. At other times there is a change of tenants, and when they move they take all the portable escapes with them, notwithstanding the owner of the property, and not the tenant, originally put them in and paid for them. These are some of the annoyances that we meet with, and these are some of the little things that require our attention and take up much of our time.

The laws relating to the ways of egress or means of escape from fire are always being made use of, and during the past year I have found it necessary to issue more orders under section 24 of chapter 481, Acts of 1894, than I thought it possible a year ago. I have found no less than twenty-four buildings in which it was necessary to provide for additional egress or means of escape from fire. I was of the opinion, a year ago, that that part of my work was practically done, and in the future not many fire-escapes would be required. As I stated then, many of the fire-escapes ordered this year were made necessary by remodelling old buildings and changing their occupancy, so as to make them come under the law. I presume the same causes will require many buildings in the future to be provided with fire-escapes, and other provisions provided for in the various sections of chapter 481.

My associate, Inspector Sheehan, who has the inspection laws, other than those relating to buildings, to look after in District No. 8, and who is instructed to take notice of the ways of egress in the various places that he inspects, and report, has called my attention to several cases where the egress was obstructed or insufficient, and I have given these cases my immediate attention, and had them provided with proper ways of egress or means of escape from fire.

The provisions of chapter 251, Acts of 1883, relating to red lights, notices, watchmen and gongs in hotels, boarding and lodging houses, three or more stories high, and containing fifty or more rooms, is well complied with; and, while the minor parts of law need looking after every year, the more essential parts — red lights, watchmen and gongs — are generally understood and provided for. The matter of notices being posted in every sleeping room, describing the ways of egress or other means of escape from fire, has to be looked after every year, many of them being removed and destroyed during house cleaning and renovating every spring, and through neglect of help they fail to be replaced until the proprietor is notified by the inspector that they are missing.

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Plans Received and Changes Recommended.

DISTRICT No. 8. ANSEL J. CHENEY, *Inspector.*

BUILDING.	Location.	Changes Recommended.
Resmick's tenement house, . .	Lawrence, . .	Fire stops.
Pousard's tenement house, . .	Salem, . . .	Fire stops.
Bateman's block, ...	Lawrence, . .	None.
Donahue block, ...	Lawrence, . .	8-inch brick wall in cellar.
Saunders' block, ...	Lawrence, . .	Additional fire stopping.
Desmond's block, ...	Lawrence, . .	Additional fire stopping.
Fairfield's block, ...	Lawrence, . .	Fire stopping.
Thompson's tenement house, . .	Lawrence, . .	None.
Fugere tenement house, ...	Salem, . . .	Fire wall in cellar.
Kunhard's mill, ...	Lawrence, . .	Additional egress.
French Catholic church, main staircase.	Lawrence, . .	None.
Essex Bank, alterations, . . .	Haverhill, . .	Better egress.
Crosby block, ...	Beverly, . .	Fire stopping.
Callahan's tenement house, . .	Lawrence, . .	Fire stopping.
Currier & Libby block, ...	Lawrence, . .	None.
Nowton block, ...	Haverhill, . .	Fire escape and fire stopping.
Rockaway house, ...	Gloucester, . .	None.
Holt's tenement house, ...	Lawrence, . .	Fire doors in wall around back stairs in cellar.
Fingleton's tenement house, . .	Lawrence, . .	None.
Mrs. Wells' tenement house, . .	Lawrence, . .	Fire stops.
Lyons' block, ...	Methuen, . .	Fire stops throughout.
Tuttle's block, ...	Lynn, . . .	Fire stops throughout.
Addition to Arlington mill, . .	Lawrence, . .	None.
Addition to Old Ladies' Home, .	Haverhill, . .	None.
Addition to Y. M. C. A. building, .	Haverhill, . .	None.
Dormitory Phillips Academy, .	Andover, . .	Better means of egress.
Downing tenement block, . .	Lawrence, . .	None.
Downing tenement block, No. 2, .	Lawrence, . .	None.
Eighner block, ...	Haverhill, . .	Fire stops.
Eighner block, No. 2, ...	Haverhill, . .	Fire stops.
Dixon tenement block, ...	Lawrence, . .	Fire stops.
Bresnahan's tenement block, . .	Lawrence, . .	Fire stops.
Currier building, ...	Lynn, . . .	Additional egress.
I. P. Harris Co. building, . .	Salem, . . .	None.
Mevill's tenement block, . . .	Lawrence, . .	Fire stops.
Demeres' tenement block, . .	Salem, . . .	Fire stops.

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Plans Received, etc. — Concluded.

Building.	Location.	Changes Recommended.
Tuttle & Morrisen factory,	Andover,	None.
Woodman block,	Lawrence,	Additional egress.
Doyle tenement house,	Lawrence,	Fire walls.

Report of Buildings Inspected.

Class No. 1, District No. 8. ANSEL J. CHENEY, *Inspector*.

Name of Building.	Orders Given.	Compliances.
Andover.		
Abbott academy, Draper hall,	Provide suitable red lights at the head and foot of all stairs by night.	-
Smith hall,	None,	-
Abbott hall,	Portable means for extinguishing fire.	-
Phillips academy,	Means for extinguishing fire,	-
Scientific building,	Means for extinguishing fire,	-
Bartlett hall,	Portable fire-escape in rooms 9, 10, 12, 13, and 30.	-
Bartlett chapel,	None,	-
Phillips hall,	Portable fire-escape in rooms 10, 15, 16, 17, 18, and 21.	-
Congregational church,	None,	-
Amesbury.		
First Methodist church,	None,	-
High school,	None,	-
Central house,	None,	-
First Baptist church,	None,	-
Universalist church,	Remove combustible material under stairs; plaster on metal lathing under side of same.	Complied.
Whittier school,	None,	-
American house,	None,	-
Old Parry factory,	Fire-escape,	Complied.
Beverly.		
Rogers block,	None,	-
Berry tavern,	Protect beam over smoke pipe to boiler; portable fire-escapes in certain rooms.	Complied.
Danvers bank building,	Protect flooring over boiler; clean up cellar.	Complied.
Burns factory,	None,	-
Georgetown.		
Noyes Shoe Co. factory,	None,	-
School room in engine house,	Additional egress; outside door to swing out.	Complied.
Essex.		
Scott's hotel,	None,	-
Gloucester.		
High school,	Means for extinguishing fire,	Complied.
Gloucester musee,	None,	-
Geo J. Tarr factory,	None,	-
The Byrnmere hotel,	None,	-
Odd Fellows' hall,	None,	-
Beacherof hotel,	None,	-
Hawthorne Inn hotel,	None,	-
Province house hotel,	None,	-
The Manse Cottage hotel,	None,	-
Old Ladies' Home hotel,	None,	-

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Report of Buildings Inspected—Continued.

Name of Building.	Orders Given.	Compliances.
Gloucester—Con.		
Delphine hotel,	None,	-
Grand View hotel,	None,	-
The Overlook hotel,	None,	-
The Rockaway hotel,	None,	-
The Moreland hotel,	Provide portable fire-escapes in certain rooms.	Complied.
The Thorwald hotel,	None,	-
Harbor View house,	None,	-
The Terrace house,	None,	-
Ocean Side hotel,	Notices; red lights at certain points,	Complied.
Hesperus house,	Portable fire-escapes in help's rooms,	Complied.
Magnolia house,	Portable fire-escapes in help's rooms,	Complied.
The Aborn house,	Portable fire-escapes in help's rooms,	Complied.
Yates block,		
Riggs school,	Additional egress; protect floor timber over furnace.	-
Haverhill.		
Bragg block,	None,	-
Kelley Bros. factory,	Fire-escape,	Complied.
Kelley Bros. factory, No. 2,	None,	-
Centre Congregational church,	None,	-
First Methodist church,	None,	-
St James church,	Remove pews near exit; side doors,	Complied.
Arlington hotel,	None,	-
Allen's tenement house,	Fire-stop boiler room; portable fire-escapes in rooms.	Complied in part
Fox factory,	Fire-escape,	Complied.
Noyes block,	None,	-
Y. M. C. A. building,	Additional egress from banquet hall,	Complied.
Gazette Publishing Co. building,	Doors on elevator, and rubbish removed.	Complied.
Hotel Webster,	Red lights; notices; watchman and gongs.	Complied.
Morse factory,	Additional egress from 3d floor,	Complied.
Tilton & Bragg block,	None,	-
Rand's tenement block,	None,	-
Taylor block,	Additional egress from 4th and 5th floors; light stairway.	Complied.
Manners block,	Rebuild fire escape in new location,	Complied.
Way block,	Rebuild fire-escape in new location,	Complied.
Lennox & Briggs factory,	Open up front stairs,	Complied.
Grace Methodist church,	None,	-
North Congregational church,	None,	-
Ipswich.		
Ipswich mills, No. 1,	None,	-
Ipswich mills, No. 2,	None,	-
Damon block,	None,	-
Young's block,	None,	-
Methodist church,	Better means of egress,	-
Methodist church,	None,	-
First Congregational church,	None,	-
Catholic church,	None,	-
Lynn.		
Fredricks musee,	None,	-
Gem theatre,	None,	-
Clough block,	Outside door to swing out,	Complied.
Silver's block,	None,	-
Hurley's granite front,	None,	-
Christian church,	None,	-
East Baptist church,	None,	-
High street church,	None,	-
Abbott building,	Light stairway, and remove obstructions to fire-escape.	Complied.
Libby building,	Rear doors to be kept unlocked,	Complied.
Osborne's block,	Portable fire-escapes,	Complied.
Wallace Osborn block,	None,	-
Rhodes block,	Portable fire-escapes,	Complied.
Drown block,	Portable fire-escapes,	Complied.
Breed's lodging house,	Portable fire escapes,	Complied.
Broadway Methodist church,	None,	-

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Report of Buildings Inspected — Continued.

Name of Building.	Orders Given.	Compliances.
Lynn — Con.		
Wright's block,	Fire-escape,	Complied.
Stront's Mulberry street block,	Fire-escape,	Complied.
St. John Baptist block,	None,	-
James Phelan's factory,	None,	-
Parker house,	Fire-escape,	Complied.
Seymoure hotel,	Fire notices; alarm gongs in order,	Complied.
Mower block,	None,	-
Dagyr block,	None,	-
Lobdill building,	None,	-
Old Kean factory,	None,	-
Old Kean factory, rear building,	None,	-
City hall,	None,	-
Winthrop hotel,	None,	-
Kirtland hotel,	Portable fire-escapes in certain rooms,	Complied.
The Merrill,	Means for extinguishing fire,	Complied.
Kelley building,	Fire-escape,	Complied.
Grover building,	Fire escape,	Complied.
Ottawa house,	Portable fire-escapes,	Complied.
Park Square house,	Portable fire-escapes,	Complied.
Beebe & Son factory,	None,	-
General Electric Factory H,	None,	-
Terrace lodge,	None,	-
Bay View house,	Portable fire escapes in certain rooms,	Complied.
The Preston,	Additional red lights,	Complied.
Ocean Park house,	Portable fire-escapes,	Complied.
Crossman building,	None,	-
Crossman building No. 2,	None,	-
Woodbridge block,	None,	-
Summer View house,	Portable fire-escapes,	Complied.
Putnam block,	Fire-escape,	Complied.
Middleton.		
A. P. Tyler factory,	None,	-
Public library,	None,	-
Centre school,	None,	-
Methodist church,	None,	-
Congregational church,	None,	-
Manchester.		
The Blynman hotel,	None,	-
Masconomo house,	Provide means for extinguishing fire, etc.	Complied.
Methuen.		
Maney's boarding-house,	Portable fire-escapes,	Complied.
Alexander's boarding-house,	Portable fire-escapes,	-
Lawrence.		
Pacific main mill,	None,	-
Pacific print works,	Fire-escape,	Complied.
Lower Pacific mill No. 1,	Additional egress,	Complied.
Lower Pacific mill No. 3,	Additional egress,	Complied.
Lower Pacific mill No. 8,	None,	-
Lower Pacific mill No. 9,	None,	-
Y. M. C. A. building,	None,	-
French Catholic church,	Additional egress,	Complied.
Austin's block,	Portable fire-escapes,	Complied.
The Alma block,	Portable fire-escapes,	Complied.
South Congregational church,	None,	-
Dewey house,	None,	-
Ackroyd boarding-house,	Portable fire-escapes,	Complied.
Turn hall,	None,	-
Lyra hall,	None,	-
Plumber block,	None,	-
Drew block,	None,	-
Marblehead.		
Star of the Sea church,	None,	-
Universalist church,	None,	-
Methodist church,	None,	-
Old town hall,	Fire-escape,	Complied.
Congregational church,	None,	-
Baptist church,	None,	-

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Report of Buildings Inspected— Continued.

Name of Building.	Orders Given.	Compliances.
Marblehead—Con.		
Nanepashemet house,	None,	-
Atlantic house,	None,	-
The Sunset house,	Portable fire-escapes,	Complied.
Adams house,	Additional egress,	Complied.
Snow's restaurant,	None,	-
Sea View house,	None,	-
Newburyport.		
Old Whitefield mill,	Outside doors not to be fastened,	Complied.
Bay State Cordage Co. mill,	None,	-
People's church,	None,	-
Noyes' comb factory,	None,	-
Lincoln house,	None,	-
Bay State house,	None,	-
Wolf tavern,	None,	-
Dodge & Bliss' factory,	Remove obstruction to fire-escape,	Complied.
Hale's box factory,	None,	-
Armory,	None,	-
Dodge Bros.' factory,	None,	-
Hotel Sedgewick,	Portable fire-escapes,	Vacated.
Peabody mill,	None,	-
Newbury.		
Plum Island hotel,	Portable fire-escapes,	Complied.
Plum Island pavilion,	None,	-
Byfield mills,	Fire-escape,	Complied.
Peabody.		
Odd Fellows building,	None,	-
Universalist church,	None,	-
Baptist church,	None,	-
Sutton block,	Extend fire escape to the ground,	Complied.
Warren block,	None,	-
Winchester's nine story block,	None,	-
Second Cong. church,	None,	-
Danvers bleachery,	None,	-
Standard Thermometer Co. building.	Fire-escape,	Complied.
Dustin block,	None,	-
Sutton Home for Aged Women,	None,	-
Washington Street M. E. church,	Additional egress,	Complied.
Salem.		
Bell's shoe factory,	Fire-escape,	Complied.
Dean's tin shop,	None,	-
McKean's factory,	None,	-
Old Custom House building,	None,	-
St. Peter's Episcopal church,	None,	-
Chestnut Street Cong. church,	None,	-
Chestnut Street Cong. chapel,	None,	-
Academy hall,	None,	-
Carlton house,	Portable fire-escapes,	Complied.
St. James' Catholic church,	None,	-
Hotel Miller,	Portable fire-escapes,	Complied.
G. A. R. hall,	Extend fire-escape to ground; plaster under stairs.	Complied.
West block,	Rebuild fire-escape,	Complied.
Peabody block,	Fire-escape,	Complied.
Post Office block,	Fire-escape,	Complied.
Dane's shoe factory,	Doors not to be locked,	Complied.
Hamilton & Balcom factory,	None,	-
Burnett's tenement house,	None,	-
Crombie Street church,	None,	-
Shortell & Son shoe factory,	Strengthen fire-escape and connect with the ground.	Complied.
Goodale factory,	None,	-
Mansfield building,	None,	-
P. Creedan's factory,	None,	-
Salem almshouse,	None,	-
Hotel Washington,	None,	-
Atlantic house,	None,	-
Ocean View house,	Put fire-alarm gongs in order,	Complied.
Hobson house,	None,	-

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Report of Buildings Inspected — Concluded.

Name of Building.	Orders Given.	Compliances.
Saugus.		
Franklin Park hotel,	Portable fire-escapes,	Complied.
Sunny Side house,	None,	-
Clifton hall,	None,	-
Nahant.		
Hotel Tudor,	None,	-
Bass Point house,	None,	-
Nahant hotel,	None,	-
Swampscott.		
Ocean house,	None,	-
Lincoln house,	None,	-
The Belleveau,	None,	-
The Elms,	None,	-
Hotel Preston,	None,	-
The Cliff,	None,	-
Little Annewan,	None,	-
Salisbury.		
Castle Mona hotel,	Portable fire-escapes,	Complied.
Quincy house,	Portable fire-escapes,	Complied.
Harriman house,	None,	-
The Brunswick,	None,	-
Salisbury house,	None,	-
Atlantic house,	None,	-
Hotel Cushing,	None,	-
Rockport.		
Granite Shore hotel,	None,	-
Pigeon Cove house,	None,	-
The Linwood,	None,	-
Ocean View house,	None,	-
Ocean View annex,	Portable fire-escapes,	Complied.
Turk's Head inn,	Notices,	Complied.
Rowley.		
Boynton hall,	Fire-escape,	Complied.
Eagle house,	None,	-

Report of Inspector Splaine.

I respectfully submit herewith, for the year now closing, a tabulated report of inspections made by me in my district of buildings subject to the provisions of section 24, chapter 484, Acts of 1894, and of duties performed by me under the provisions of section 25 of the same chapter and acts above cited, in the matter of examining plans of future buildings and securing on the plans and in the buildings to be constructed from these plans ample fire stops for the prevention of the spread of fire and smoke in case of fire, suitable means of extinguishing fire and proper ways of egress from these buildings for their future occupants.

I have carefully watched alterations in and additions to factories, hotels, apartment houses and boarding houses which are so large or so important as to warrant action on the part of the inspector. In some instances I have found it to be my imperative duty to demand and secure additional means of egress and additional means of extinguishing fire, while in most instances I have only

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had to suggest the necessary changes in order to have my wishes complied with; and in my supervisory work on new buildings now in course of erection, or which have lately been completed and which are intended to be used for the same purposes as the buildings named last above, I have exercised great care and have spent considerable time in order to secure the best possible results.

Between watching alterations in old buildings and observing new buildings from their foundations up a great number of visits have been necessary in order to faithfully discharge my duties and to obtain results which will secure the lives of the occupants of such buildings as are described in this report.

In addition to the many visits in order to make my regular inspections, I have found it necessary to make over two hundred visits in order to watch the construction of new buildings and to look after the alterations in older and old buildings.

Report of Buildings Inspected.

CLASS No. 1, DISTRICT No. 9. HENRY SPLAINE, *Inspector.*

NAME OF BUILDING.	Orders Given.	Compliances.
Avon.		
L. G. Littlefield's shoe factory,	None,	-
Hotel Avon,	Sanitary alterations,	Complied.
Bellingham.		
Taft, Murdock & Co.'s cassimere mill.	None,	-
Ray & Co.'s Mill, No. 1,	None,	-
Ray Woollen Co.'s Mill, No. 2,	None,	-
Bellingham almshouse,	None,	-
Blackstone.		
Blackstone Mfg. Co., Mill No. 1,	None,	-
Blackstone Mfg. Co., Mill No. 2,	None,	-
Blackstone Mfg. Co., Mill No. 3,	None,	-
Blackstone Mfg. Co., Mill No. 4,	Additional egress,	Complied.
Blackstone Mfg. Co., Mill No. 5,	None,	-
Riley's tenement block,	None,	-
Union hotel,	None,	-
Blackstone almshouse,	Extend fire-escape; change strong room.	Complied.
Lincoln house,	New outside stairs; keep certain door open.	Complied.
Woonsocket Rubber Co.,	None,	-
Lawrence Felting Co.,	None,	-
Lawrence Felting Co., No. 3,	None,	-
Lawrence Felting Co., No. 4,	None,	-
Millville hotel,	Ropes in rooms of third story,	Complied.
Moran tenement block,	None,	-
Central boarding house,	Better egress and means to extinguish fire.	Complied.
O'Gara's tenement block,	None,	-
Burns' tenement block,	Ropes in corridor of third story,	Complied.
Keough's hotel,	Additional egress and means to extinguish fire.	In abeyance.
Conlon's tenement block,	None,	-
Fletcher tenement block,	None,	-
Brookline.		
"Bonair" apartment house,	Keep door to roof unlocked,	Complied.
Kenmoir apartment house,	Keep door to roof unlocked,	Complied.

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Report of Buildings Inspected — Concluded.

Name of Building.	Orders Given.	Compliances.
Canton.		
Eureka silk mill, No. 1,	None,	-
Eureka silk mill, No. 2,	None,	-
Eureka silk mill, No. 3,	None,	-
Capen's tenement block,	None,	-
Canton almshouse,	None,	-
Canton Mfg. & Bleaching Co.,	Repair outside stairs,	Complied.
Morse Bros. Stove Polish Co.,	None,	-
Hotel Wellington,	None,	-
Framingham.		
Dennison Manufacturing Co.,	Build outside stairs from bridge,	Complied.
The Kendall hotel,	None at present,	-
Holbrook.		
Whitcomb, Paine & Co.'s shoe factory.	Additional means of extinguishing fire.	Complied.
Holbrook house,	None,	-
Medfield.		
The Mitchell straw works,	None,	-
Medfield inn,	None,	-
Mitchell's boarding house,	None,	-
Frost's tenement block,	None,	-
Medfield almshouse,	None,	-
American Steam Packing Co.,	None,	-
Medway.		
Hirsh & Park's straw works,	None,	-
Hotel Brigham,	None,	-
Cole, Senior & Co.'s woollen mill,	None,	-
The Gladstone hotel,	None,	-
Stanly house,	None,	-
N. E. Awl & Needle Co.,	None,	-
A. M. Smith's shoe factory,	None,	-
Medway almshouse,	None,	-
National Roller Chafe Iron Co.,	None,	-
Geo. F. Madden's Shoe Co.,	None,	-
Needham.		
Wm. Carter & Co's. knitting factory.	None,	-
Norwood.		
Plimpton's bindery,	None,	-
Norwood Press bindery,	None,	-
Central boarding house,	None,	-
Lyman Smith's Sons' Co.,	None,	-
"Norwood house,"	None,	-
Winslow Brothers' tannery,	Additional egress from new wool house.	Complied.
Quincy.		
"Hotel Fensmere,"	Additional egress and means to extinguish fire.	Undergoing alterations.
The Shelton (hotel),	Additional egress and means to extinguish fire.	Complied.
Squantan inn,	Additional egress and means to extinguish fire.	Complied.
Randolph.		
Hagerty & Sullivan's shoe factory,	None,	-
Sharon.		
Massapoag hotel,	None,	-
Sharon sanitarium,	None,	-
Sharon almshouse,	Additional egress and means to extinguish fire.	Under discussion.
"The Pines" (summer resort),	Ropes and means to extinguish fire,	Complied.
The Sharon (hotel),	Means to extinguish fire,	Complied.
Weymouth.		
"Monatiquot house,"	Ropes and pails of water,	Complied.
The Bayside inn,	Means to extinguish fire,	Complied.

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Plans Received and Changes Recommended.

DISTRICT NO. 9. HENRY SPLAINE, *Inspector.*

BUILDING.	Location.	Changes Recommended.
W. L. Whittimore's apt. building, .	Brookline, . .	None.
Stephen J. Quinn's apt. building, .	Brookline, . .	None.
P. B. Wadsworth's apt. building, .	Brookline, . .	None.
Wm. Sundell's apt. building, . .	Brookline, . .	None.
B. F. Carroll's apt. building, . .	Brookline, . .	None.
Geo. A. Avery's apt. building, .	Brookline, . .	None.
Geo. A. Avery's 2d apt. building, .	Brookline, . .	Additional plans.
John J. O'Driscoll's apt. building, .	Brookline, . .	None.
Georgie G. Brewer's apt. building,	Brookline, . .	None.
George W. Moore's apt. building, .	Brookline, . .	Additional egress.
Daniel Dewar's apt building, . .	Brookline, . .	None.
George Todd's apt. building, . .	Brookline, . .	None.
Geo. Todd's 2d apt. building, . .	Brookline, . .	Additional plans.
Geo. Todd's apt. building, . .	Brookline, . .	Additional egress.
Chas. W. Holtzer's factory building,	Brookline, . .	Additional egress.
Dennison Mfg. Co., Mill No. 2, .	Framingham, .	None.
Dennison Mfg. Co , Mill No. 9, .	Framingham, .	Additional egress.
Trowbridge apartment building, .	Framingham, .	Additional egress.
Draper Co.'s boarding house, No. 1,	Hopedale, . .	None.
Draper Co.'s boarding house, No. 2,	Hopedale, . .	None.
Hotel Shellton, ...	Quincy,. . .	Additional egress.
Hotel Fensmere, ...	Quincy, . .	Additional egress and additional plans.
Sharon sanitarium, ...	Sharon, . .	Additional egress.
Wilder dormitory, ...	Wellesley, . .	Additional egress.

REPORT OF INSPECTOR MERRIAM.

I have the honor to submit the following report of work performed by me in this district the past year, tabulated in usual form, so far as possible. The number of plans filed for new buildings is about the same as in previous years, but are largely for business purposes, and in most cases a marked improvement in safety from fires is noted. The number of public and school buildings is very small. Of the buildings inspected, but few have required changes of great importance, in many cases a suggestion was all that was necessary. But in all cases my recommendations have been promptly carried out. But few local officers report

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their inspections of hotels and boarding houses until notified to do so, and then but little reliable information is obtained. More than the usual amount of time has been given to the testing of heating and ventilating systems and advisory work, but the results have been satisfactory.

Plans Received and Changes Recommended.

DISTRICT NO. 10. FREDERICK W. MERRIAM, *Inspector.*

BUILDING.	Location.	Changes Recommended.
Berkshire Cotton Co.'s mill, No. 4,	Adams,	None.
Farren hospital,	Montague,	Ventilation.
Smith block,	North Adams,	Better egress.
Williams' block,	North Adams,	Better egress.
Beal block,	North Adams,	Fire stops.
Rich block,	North Adams,	None.
Rich block, No. 2,	North Adams,	Change stairs.
Rich block, No. 3,	North Adams,	None.
Robinson block,	North Adams,	Better egress.
Robinson block, No. 2,	North Adams,	None.
Rich & Robinson block,	North Adams,	None.
Bartlett block,	North Adams,	None.
Congregational chapel,	North Adams,	None.
Windsor Print Works mill,	North Adams,	None.
High school addition,	Orange,	Fire stops.
Dewey hotel,	Pittsfield,	Better egress.
Maplewood hotel addition,	Pittsfield,	Fire stops.
Parochial school,	Pittsfield,	None.
England Bros. block,	Pittsfield,	Better egress.
Red Lion Inn addition,	Stockbridge,	None.
Glendale school,	Stockbridge,	Better egress.
Association building,	Williamstown,	Dampers.

Report of Buildings Inspected.

CLASS NO. 1, DISTRICT NO. 10. FREDERICK W. MERRIAM, *Inspector.*

NAME OF BUILDING.	Orders Given.	Compliances.
Adams.		
Hoosac Street school,	Special report,	–
Liberty Street school,	To examine changes,	–
Memorial hall,	Change doors,	Complied.

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Report of Buildings Inspected — Concluded.

Name of Building.	Orders Given.	Compliances.
Buckland.		
Village school,	Special report,	-
Charlemont.		
Hotel Charlemont,	Fire protection,	Complied.
Greenfield.		
Franklin house,	Rope escapes,	Complied.
Opera house,	To examine changes,	-
Montague.		
Montague high school,	Change ducts,	Complied.
North Adams.		
Columbia opera house,	Fire-escape and protection,	Complied.
Richmond house,	Fire protection,	Complied.
Mansion house,	Fire protection,	Complied.
St. Francis church,	Special report,	-
Wilson opera house,	Repair fire curtain,	Complied.
Blackinton school,	Special report,	-
Congregational chapel,	Change stairs,	Complied.
Houghton library,	Change piping,	Complied.
Orange.		
High school,	Better ventilation,	Complied.
Whitney Street school,	Special report,	Complied.
Pittsfield.		
Parker house,	Rope escapes.	Complied.
Central block,	To examine changes,	-
Burbank casino,	Change stairs,	Complied.
Burbank new hotel,	Fire-escape,	Complied.
Burbank block,	Fire-escape,	Complied.
Dewey hotel,	Fire protection,	Complied.
Dodge & Devaney building,	Fire-escape,	Complied.
Clary's hotel,	Rope escapes.	Complied.
Burbank house,	Rope escapes,	Fire-escape.
The Wendell,	Rope escapes,	Fire-escape.
Academy of music,	Fire-escapes,	Complied.
High school,	Deflectors in fan rooms,	Complied.
Stockbridge.		
Red Lion inn,	To examine changes,	-
Shelburne.		
Shelburne Falls house,	Rope escapes,	Complied.
Williamstown.		
High school,	Change fan openings,	Complied.

Certificates Issued.

Public Buildings, Factories, Workshops and Tenement Houses.	Story.	Location.	Date of Certificate.	Inspector.
			1899.	
Whittemore apartment building,	1	Brookline,	Oct. 14,	Henry Splaine.
Whittemore apartment building,	2	Brookline,	Oct. 14,	Henry Splaine.
Whittemore apartment building,	3	Brookline,	Oct. 14,	Henry Splaine.
Whittemore apartment building,	4	Brookline,	Oct. 14,	Henry Splaine.
Quinn apartment building,	1	Brookline,	Oct. 14,	Henry Splaine.

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Certificates Issued — Continued.

Public Buildings, Factories, Workshops and Tenement Houses.	Story.	Location.	Date of Certificate.	Inspector.
			1899.	
Quinn apartment building, . . .	2	Brookline, .	Oct. 14,	Henry Splaine.
Quinn apartment building, . . .	3	Brookline, .	Oct. 14,	Henry Splaine.
Wadsworth apartment building, . .	1	Brookline, .	Oct. 14,	Henry Splaine.
Wadsworth apartment building, . .	2	Brookline, .	Oct. 14,	Henry Splaine.
Wadsworth apartment building, . .	3	Brookline, .	Oct. 14,	Henry Splaine.
Wadsworth apartment building, . .	4	Brookline, .	Oct. 14,	Henry Splaine.
Geo. Todd apartment building, . .	1	Brookline, .	Oct. 14,	Henry Splaine.
Geo. Todd apartment building, . .	2	Brookline, .	Oct. 14,	Henry Splaine.
Geo. Todd apartment building, . .	3	Brookline, .	Oct. 14,	Henry Splaine.
Geo. Todd apartment building, . .	1	Brookline, .	Oct. 14,	Henry Splaine.
Geo. Todd apartment building, . .	2	Brookline, .	Oct. 14,	Henry Splaine.
Geo. Todd apartment building, . .	3	Brookline, .	Oct. 14,	Henry Splaine.
Wm. Sundell apartment building, .	1	Brookline, .	Oct. 14,	Henry Splaine.
Wm. Sundell apartment building, .	2	Brookline, .	Oct. 14,	Henry Splaine.
Wm. Sundell apartment building, .	3	Brookline, .	Oct. 14,	Henry Splaine.
B. F. Carroll apartment building, .	1	Brookline, .	Oct. 14,	Henry Splaine.
B. F. Carroll apartment building, .	2	Brookline, .	Oct. 14,	Henry Splaine.
B. F. Carroll apartment building, .	3	Brookline, .	Oct. 14,	Henry Splaine.
J. J. O'Driscoll apartment building, .	1	Brookline, .	Oct. 14,	Henry Splaine.
J. J. O'Driscoll apartment building, .	2	Brookline, .	Oct. 14,	Henry Splaine.
J. J. O'Driscoll apartment building, .	3	Brookline, .	Oct. 14,	Henry Splaine.
J. J. O'Driscoll apartment building, .	4	Brookline, .	Oct. 14,	Henry Splaine.
Georgie G. Brewer apartment building,	1	Brookline, .	Oct. 14,	Henry Splaine.
Georgie G. Brewer apartment building,	2	Brookline, .	Oct. 14,	Henry Splaine.
Georgie G. Brewer apartment building,	3	Brookline, .	Oct. 14,	Henry Splaine.
Georgie G. Brewer apartment building,	4	Brookline, .	Oct. 14,	Henry Splaine.
Geo. W. Moore apartment building, .	1	Brookline, .	Oct. 14,	Henry Splaine.
Geo. W. Moore apartment building, .	2	Brookline, .	Oct. 14,	Henry Splaine.
Geo. W. Moore apartment building, .	3	Brookline, .	Oct. 14,	Henry Splaine.
Geo. W. Moore apartment building, .	4	Brookline, .	Oct. 14,	Henry Splaine.
Dennison Mfg. Co., Mill No. 2, . .	1	Framingham,	Oct. 14,	Henry Splaine.
Dennison Mfg. Co., Mill No. 2, . .	2	Framingham,	Oct. 14,	Henry Splaine.
Dennison Mfg. Co., Mill No. 2, . .	3	Framingham,	Oct. 14,	Henry Splaine.
Dennison Mfg. Co., Mill No. 9, . .	1	Framingham,	Oct. 14,	Henry Splaine.
Dennison Mfg. Co., Mill No. 9, . .	2	Framingham,	Oct. 14,	Henry Splaine.
Dennison Mfg. Co., Mill No. 9, . .	3	Framingham,	Oct. 14,	Henry Splaine.

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Certificates Issued — Concluded.

Public Buildings, Factories, Workshops and Tenement Houses.	Story.	Location.	Date of Certificate.	Inspector.
			1899.	
Draper boarding house, . . .	1	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	2	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	3	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	4	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	1	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	2	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	3	Hopedale, .	Oct. 14,	Henry Splaine.
Draper boarding house, . . .	4	Hopedale, .	Oct. 14,	Henry Splaine.

Reports by Districts of Factories, Workshops and Mercantile Establishments Inspected and Orders Issued.

Report of Inspector Burfitt.

In reviewing the work performed since the last report, there is very little to add to the general duties that are required in factory inspection, except in the line of guarding machinery, as there have been several new devices brought out which are practical and of small expense.

First there is the beater lock, a device for locking the lid or cover of a beater. Accidents have occurred by lifting the cover while the beater is in motion. This simple device prevents the person from raising the cover until he stops the machine, and also locks the driving pulley so it cannot start until he shuts down the cover; and when he does this it locks the cover and the machine is ready to be started.

Another invention is a device for guarding a sole-moulding machine. This machine for sole moulding is a dangerous machine in its present form, but with this new attachment it becomes safe to use. Sole-moulding machines are now constructed with two dies, one of which is movable with relation to the other, and suitable mechanism for moving the said die. In operating such a machine the attendant places the sole to be moulded on the lower die by hand, and after it has been moulded removes it by hand and places thereon another. The operator soon becomes tired and careless, and the result is that his hand is crushed. The new attachment,

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in my opinion, will prevent any such accident, as the operative does not place his hand between the dies in the operation of moulding the soles.

We have another device, for controlling power, which has lately been brought before the inspection department. This is a device for shipping or shifting belts, worked by electricity. This same arrangement can be applied to a friction pulley or clutch, causing the shafting of any room to stop, without interfering with any other, and also helping to prevent accident by being caught in machine or belt.

In talking with the master mechanics of different plants, they indorsed the idea of placing friction clutches in every room where machinery is used, saying it would be much better than stopping the whole power, as each room would be independent of its neighbor; and if an accident should occur in one room, it need not be known throughout the mill. These clutches can be operated by electricity in the same way as shipping a belt. I think having clutches in every room for controlling power would be much better than shutting down the engine, thereby stopping the whole mill during working hours; also it would be a greater prevention of accidents, as the shafting would stop much sooner.

There are some machines that are very dangerous to use, and I have not been able to devise any way to fully protect the operator. I speak of the rubber grinders in rubber mills. The rubber in its crude state has to be ground between two rolls, and the rubber must be placed or fed to the rolls by hand, and very severe accidents have happened by the operative being caught, in most cases losing his hand or arm. The only way that has been devised so far is to stop the rolls, and here is where the trouble comes in. The greater number of these mills have only a lever to draw the clutch apart that connects the shaft with the grinder, and this clutch being toothed, it is impossible to force it apart while the grinder or roll is loaded or working. I have asked the operatives to try, but none succeeded; but when the grinder is empty it can be stopped very easily.

In some of the mills where rubber is manufactured they have adopted another form of lever, the use of which is to drop into the head of the clutch and force it apart, thereby stopping the rolls. This lever is hung to the floor in the rear of the grinders, and extending over the clutch to the front of the rolls. The lever at the front is raised about two feet above the floor. In case an operator of one of these grinding rolls is caught, the man next to him can place his foot upon this lever and force it down on to the head of

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the clutch, which is made in such a manner as to receive the lever in a slot, thus forcing the clutch out of gear and stopping the rolls or grinders.

The Boston Belting Company's rubber mill is fitted up with the friction clutch attached to these grinders, and worked by a system of levers, and by this arrangement the grinders can be stopped by the man operating them.

This system of using friction clutches is the best form of controlling power that I have ever seen, they are so easy to operate, requiring very little power to force them out of gear. They are manufactured in all sizes and adapted to any power required, and I sincerely hope all rubber manufacturers can be induced to place them on all rubber grinders in use in their mills.

In the district under my charge I have a great number of elevators to inspect. These elevators are generally freight elevators, but are used somewhat for passengers; that is, the operatives of the mills ride up and down with their freight. There have been very few accidents on these elevators during my term of service, and I do not know one to have been caused by the breaking of the hoisting rope. The ropes are well looked after by the owners, and many of them where manila ropes are used are changed every six months. Some of the larger firms keep a man whose entire time is spent looking after condition of all parts of elevators.

While speaking of elevators, I will say that I have very little confidence in the safety devices in general use, as they depend almost wholly on the slacking of the hoisting ropes to allow them to work, so that, in case of the breaking of some part of the machinery, and the rope being kept taut, the safety could not or would not be of any use. There is one quite cheap safety device on the market, but not in very general use, which works independently of the hoisting rope, or I may say any other part of the machinery. This device is called the improved safety stop for elevators, invented by F. P. Canfield. It is applied to each side of the car, and always in running service. There is another safety device which has lately been placed on the market, called the Hanford air safety device. This is more particularly adapted to passenger elevators, as it is quite expensive. As far as I have been able to judge, it answers the purpose it is designed for. One of its chief advantages is that it is entirely independent of any mechanism connected with the elevator, hoisting rope or machinery.

In conclusion, I will say there have been few complaints as regards working overtime, or the employment of minors without the proper school certificate; and the employers have been careful to post all names and procure certificates for minors under school age.

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Summary.

Number of inspections made,	604
Number of orders issued,	364
Number of males between 14 and 16,	291
Number of females between 14 and 16,	186
Number of males employed,	27,153
Number of females employed,	11,541
Total number employed,	39,171
Number of elevators inspected,	349

CITIES AND TOWNS.	Inspections.	Males.	Females.	Between 14 and 16.	
				Males.	Females.
Acton,	6	111	40	2	-
Ashby,	2	26	-	-	-
Arlington,	9	149	2	4	-
Ayer,	13	261	49	4	-
Bedford,	1	40	-	-	-
Belmont,	3	121	6	-	-
Burlington,	2	11	7	-	-
Concord,	2	102	61	-	-
Cambridge,	183	8,872	3,621	76	75
Everett,	29	1,386	124	10	3
Groton,	5	74	21	-	-
Hudson,	16	968	554	9	10
Lexington,	4	60	34	-	-
Littleton,	3	49	31	-	1
Malden,	52	1,671	1,285	36	12
Medford,	17	437	74	11	2
Maynard,	2	318	162	11	11
Pepperell,	5	684	254	4	4
Reading,	21	264	213	-	-
Shirley,	5	390	197	18	16
Sudbury,	1	20	-	-	-
Stoneham,	25	843	454	4	2
Stow,	1	53	23	1	3
Somerville,	49	2,848	438	24	-
Townsend,	4	95	7	-	-
Wakefield,	20	842	410	6	6
Waltham,	37	3,015	2,499	51	38
Wayland,	7	432	81	-	1
Woburn,	48	1,298	238	9	1
Winchester,	15	893	37	4	1
Weston,	3	108	-	-	-
Wilmington,	1	25	-	-	-
Melrose,	13	700	619	7	-
Totals,	604	27,153	11,541	291	186

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DISTRICT No. 1, ... CHARLES E. BURFITT, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Ayer.								
Ayer Preserving Co.,	Preserves,	9	11	-	-	Good,	Post time tables,	Complied.
Ayer Tanning Co,	Leather,	158	-	-	-	Fair,	Guard set screws,	Complied.
Levi W. Phelps,	Boxes,	30	-	-	-	Fair,	Post time tables,	Complied.
John H. Turner,	Printer,	2	1	-	1	Good,	Procure certificate,	Complied.
Arlington.								
Theodore Swamb,	Piano cases,	26	-	-	1	Good,	Guard set screws; place signal on elevator,	Complied.
W. T. Wood & Co.,	Ice tools,	33	-	-	-	Fair,	Guard set screws,	Complied.
Boston Chrome Co.,	Chrome,	18	-	-	-	Good,	Guard fly wheel; rail platform,	Complied.
Charles Goot,	Wagons,	12	-	-	-	Good,	Guard set screws; rail stairs,	Complied.
Advocate,	Printers,	3	2	-	-	Good,	Post time tables,	Complied.
South Acton.								
B. M. Kimball,	Leather,	45	-	-	-	Fair,	Guard set screws and pulleys,	Complied.
A. Merriam,	Piano stools,	24	1	-	-	Good,	Repair elevator, safety and set screws,	Complied.
F. R. Knowlton,	Cigars,	4	36	-	-	Fair,	Designate water-closets,	Complied.

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Belmont.									
Parry Brothers,	Brick,	90	-	-	-	Fair,	Guard fly wheels,	Complied.
H. W. Tower,	Ivory keys,	-	-	-	-	Fair,	Post time tables; designate water-closets,	Complied.
Concord.								
Boston Harness Co.,	Harness,	90	6	-	-	Good,	Post time tables,	Complied.
Cambridge.								
Holy Ghost Hospital,	Laundry,	1	4	-	-	Good,	Guard engine; set screws and belts,	Complied.
Hall Brothers,	Machinery,	6	-	-	-	-	Repair elevator,	Complied.
Bay State Laundry,	Laundry,	5	25	-	-	Good,	Designate water-closets; post time tables,	Complied.
Cambridge Laundry,	Laundry,	21	95	-	4	Good,	Guard set screws,	Complied.
Cambridge Press,	Printers,	6	4	-	-	Poor,	Provide water-closet,	Complied.
Lewis F. Weston,	Printers,	6	-	-	1	Good,	Procure certificate,	Complied.
C. A. Cook & Co.,	Piano stools,	15	-	-	-	Good,	Post time tables,	Complied.
Irving & Casson,	Furniture,	146	4	-	1	Good,	Post time tables; procure certificates,	Complied.
Keenan & Co.,	House finish,	55	-	-	1	Fair,	Procure certificate,	Complied.
A. B. & E. L. Shaw,	Furniture,	60	2	-	1	Good,	Guard set screws; procure certificate,	Complied.
John Quinn,	House finish,	14	-	-	-	Good,	Guard fly wheel and gears of engine,	Complied.
Sawyer Belting Co.,	Belting,	8	16	-	1	Good,	Rail stairs; procure school certificate,	Complied.
Charles Place,	Boxes,	60	350	-	29	Good,	Procure certificate,	Complied.
S. Tower & Son,	Piano actions,	240	60	-	10	Good,	Repair elevator; guard belts,	Complied.
Geo. W. Severens,	Piano actions,	76	10	-	1	Good,	Post list of minors,	Complied.

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DISTRICT NO. 1 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Cambridge—Con.								
Hickey Brothers,	Furniture,	8	-	-	-	Poor,	Provide sanitaries,	Complied.
Geo. F. Ricker,	Carpet cleaning,	4	-	-	-	Poor,	Provide sanitaries,	Complied.
Blackerd & Shepard,	Finish,	5	-	-	-	Poor,	Provide sanitaries,	Complied.
University City Laundry,	Laundry,	12	113	-	3	Fair,	Repair gate of elevator; provide spring for water-closet door.	Complied.
C. E. Smart,	Power,	3	-	-	-	-	Repair pulley guard crank shaft of engine,	Complied.
D. C. Scranton,	Finish,	3	-	-	-	Fair,	Guard set screws,	Complied.
Co-operative Printing Co.,	Printers,	6	3	-	-	Good,	Guard set screws,	Complied.
Geo Close & Co.,	Candy,	30	70	-	3	Good,	Clear rubbish from stairs,	Complied.
Houghton & Mifflin,	Books,	375	225	-	-	Good,	Guard fly wheels,	Complied.
B. F. Clark & Co.,	Candy,	12	17	-	-	Fair,	Post time tables; designate water-closets,	Complied.
M. F. Tracy,	Finish,	12	-	-	-	Fair,	Guard band saw,	Complied.
McDonald Brothers,	Candy,	2	7	-	-	Fair,	Designate water-closets,	Complied.
Stratton Lumber Co.,	Finish,	28	-	-	-	Fair,	Guard belts and saw; new floor in engine-room,	Complied.
John Reardon & Son,	Soap,	85	-	-	-	Good,	Guard set screws and shaft,	Complied.
Ivers & Pond Co.,	Pianos,	200	-	-	4	Good,	Procure certificates; guard gears,	Complied.
Ginn Co.,	Books,	265	135	-	-	Good,	Guard fly wheels,	Complied.

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Kennedy Biscuit Co.,	Biscuits,	270	335	-	9	Good,	Guard set screws and gears; repair elevator safety,	Complied.
Reversible Collar Co.,	Collars and cuffs,	76	40	-	-	Good,	Guard gears,	Complied.
Jensen Brothers,	Candy,	12	8	-	-	-	Post time tables,	Complied.
Geo. Page Box Co.,	Boxes,	90	-	-	1	Good,	Guard set screws and gears,	Complied.
Wilcox & Co.,	Hats,	85	30	-	3	Fair,	Guard set screws,	Complied.
D. M. Hazen & Co.,	Candy,	25	40	-	1	Good,	Procure certificate,	Complied.
Boston Woven Hose Co.,	Hose,	243	37	-	9	Good,	Procure certificate,	Complied.
Henderson Brothers,	Wagons,	35	-	-	-	Good,	Repair elevator,	Complied.
Seelye Manufacturing Co.,	Machinery,	10	-	-	-	Good,	Guard set screws,	Complied.
E. A. Muller,	Tannery,	15	-	-	-	Fair,	Guard mills,	Complied.
University Press,	Books,	206	175	-	-	Good,	Repair elevator,	Complied.
C. F. Hathway,	Bakery,	16	2	-	-	Fair,	Designate water-closets; post time tables,	Complied.
Barbour & Stockwell,	Foundry,	-	-	-	-	Fair,	Repair elevator,	Complied.
Riverside Boiler Co.,	Boilers,	28	-	-	1	Good,	Post time tables,	Complied.
Seavey Manufacturing Co.,	Tin wares,	70	30	-	-	Good,	Post time tables,	Complied.
John P. Squire & Co.,	Packing Co.,	1,000	-	-	-	Good,	Guard elevator openings,	Complied.
Mason & Hamlin,	Pianos,	164	3	-	2	-	Guard gears,	Complied.
American Rubber Co.,	Rubber goods,	500	800	-	9	Good,	Rail stairs and electric motor,	Complied.
A. H. Hews Pottery Co.,	Pottery,	89	29	-	2	Good,	Repair elevators,	Complied.
Edward Wheeler,	Printer,	7	5	-	1	Fair,	Post time tables; designate water-closets,	Complied.
Henry Thayer & Co.,	Chemicals,	49	91	-	2	Good,	Procure certificate; post time tables,	Complied.
V. R. Stillwell,	Stone cutter,	15	-	-	-	Poor,	Provide sanitaries; guard fly wheel,	Complied.

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DISTRICT NO. 1 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Cambridge — Con.								
Morse & Whyte,	Wire goods,	198	18	-	-	-	Guard elevator, opening and gears,	Complied.
Lamb & Ritchie,	Composite pipe,	7	-	-	-	Good,	Guard fly wheel,	Complied.
Metropolitan Coal Co.,	Coal and wood,	30	-	-	-	Good,	Guard gears and set screws,	Complied.
Goepper Brothers,	Barrels,	40	-	-	-	Fair,	Guard fly wheels and set screws,	Complied.
W. W. Sands,	Brick,	75	-	-	-	Fair,	Guard set screws,	Complied.
E. W. Bettenson,	Bindery,	3	1	-	-	Good,	Post time tables,	Complied.
Boston Packing Co.,	Packing Co.,	151	-	-	-	Fair,	Guard gears and set screws,	Complied.
American Non Tox Co.,	Non Tox,	4	-	-	-	Fair,	Post time tables,	Complied.
Rawson & Morrison,	Machinery,	51	-	-	-	Good,	Guard gears and set screws,	Complied.
Adolph Sommer,	Viscol,	6	2	-	-	Fair,	Repair elevator; designate water-closets,	Complied.
O. S. Petterson,	Bakery,	18	-	-	1	Good,	Post time table; procure certificate,	Complied.
Monk & Boyd,	Laundry,	5	10	-	2	Good,	Post time table; guard fly wheel; procure certificate,	Complied.
Turner's Laundry,	Laundry,	2	4	-	-	Good,	Post time tables,	Complied.
Boston Bindery,	Binding,	10	40	-	1	Good,	Post time tables; procure certificate; guard fly wheel,	Complied.
Beacon Steam Laundry,	Laundry,	4	36	-	4	Fair,	Procure certificate; post time tables; designate water-closets.	Complied.
Baker Hunnewell Co.,	Coal and wood,	10	-	-	-	Good,	Guard fly wheel,	Complied.

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B. & M. repair shop,	Repairs,	230	-	-	-	Good,	Place dead weight on Donels planer,	-
Boston Ferrule Co.,	Ferrules,	3	4	-	1	Good,	Post time tables; guard gears; procure certificate,	Complied.
Everett.								
O. L. Bagley & Co.,	Mittens,	5	45	-	-	Good,	Rail stairs,	Complied.
Moor & Co.,	Shoe shanks,	2	2	-	-	Fair,	Guard belts; post time tables,	Complied.
Milne & Killan,	Machinery,	2	-	-	-	Fair,	Guard set screws,	Complied.
Geo. H. Faxon & Co.,	Foundry,	75	-	-	1	-	Procure certificate; post time tables,	Complied.
International Fire Hose & Tire Co.,	Hose and tires,	6	5	-	-	Good,	Guard set screws and belts; designate water-closets,	Complied.
New England Structural Co.,	Iron work,	140	-	-	-	Good,	Guard set screws, belts and fly wheel,	Complied.
Everett Republican,	Printer,	2	2	-	-	Good,	Post time tables,	Complied.
Everett Herald,	Printing,	4	2	-	-	Fair,	Post time tables,	Complied.
Columbia Manufacturing Co.,	Clothes lines,	1	2	-	-	Poor,	Post time tables,	Complied.
Gleasondale Mills.								
Gleasondale mills,	Woollen goods,	53	23	-	4	Good,	Post list of school minors,	Complied.
Groton.								
Hollingworth & Vose Co.,	Paper,	31	2	-	-	Good,	Guard set screws and gears,	Complied.
A. H. Thompson,	Boxes,	3	-	-	-	Fair,	Guard band saw,	Complied.
T. & H. Co.,	Paper,	29	11	-	-	Fair,	Guard set screws and gears,	Complied.

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DISTRICT NO. 1 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Hudson.								
F. Brigham & Co.,	Shoes,	215	100	-	1	Good,	Guard set screws; leveling machine; procure certificate.	Complied.
Apsley Rubber Co.,	Rubber goods,	56	149	-	3	Good,	Guard set screws and gears,	Complied.
Millay Last Co.,	Lasts,	15	-	-	-	Good,	Guard set screws,	Complied.
Hudson Spinning Co.,	Yarn,	4	20	-	2	Good,	Guard set screws,	Complied.
C. J. Sawyer,	Boxes,	16	11	-	-	Fair,	Guard saw,	Complied.
Tower Brothers,	Machinery,	10	-	-	-	Fair,	Guard set screws,	Complied.
Dunn, Green & Co.,	Leather,	100	-	-	-	Fair,	Place gong in engine-room; guard set screws,	Complied.
Lexington.								
R. H. Sherman & Co.,	Starch,	10	4	-	-	-	Post time tables,	Complied.
Littleton.								
Conant & Houghton,	Suspenders,	29	31	-	1	Fair,	Guard elevator well,	Complied.
Avery Chemical Co.,	Chemicals,	14	-	-	-	-	Repair safety of elevator,	Complied.
Maynard.								
American Woollen Co.,	Cloth,	298	182	-	22	Good,	Guard couplings; repair elevator,	Complied.
Harriman Brothers,	Laundry,	20	30	-	-	Fair,	Box belts; guard pulleys; post time tables,	Complied.

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Pepperell.								
Flagg Manufacturing Co.,	Harps,	113	12	-	-	Good,	Guard set screws and band saw,	Complied.
Champion Card Paper Co,	Paper,	51	26	-	-	Good,	Guard gears; set screws; repair elevator; provide signal to engineer.	Complied.
Gregory & Shaw,	Shoes,	250	150	-	8	Good,	Repair elevator; post names of school minors,	Complied.
Nashua Paper Co.,	Paper,	181	45	-	-	Fair,	Guard set screws, belts and fly wheels,	Complied.
Pepperell Card Paper Co.,	Paper,	89	21	-	-	Good,	Guard set screws; repair elevator and guard gears,	Complied.
Melrose.								
Bowles & Scott,	Laundry,	2	12	-	-	Good,	Guard belts,	Complied.
Johnathan Barrett,	Power,	1	-	-	-	-	Rail stairs,	Complied.
Ex-Ray Renovating Co.,	Renovating,	2	1	-	-	Fair,	Post time tables,	Complied.
Shepard Manufacturing Co,	Plating,	18	2	-	-	Good,	Post time tables,	Complied.
A. W. Chesterton,	Steam packing,	12	-	-	-	Fair,	Guard gears; repair elevator,	Complied.
Boston Rubber Shoe Co.,	Rubber shoes,	633	523	-	7	Good,	Repair elevator,	Complied.
Medford.								
United States Rubber Co.,	Felt boots,	51	15	-	4	Good,	Procure certificate,	Complied.
Mystic Print Works,	Prints,	80	20	-	9	Good,	Post school minors,	Complied.
Glenwood Print Co.,	Prints,	27	10	-	-	Good,	Guard gears,	Complied.
Malden.								
C. F. Joslyn & Co,	Preserves,	20	4	-	2	Fair,	Rail stairs,	Complied.
Bascoman Manufacturing Co.,	Cycle handles,	15	10	-	2	Fair,	Procure certificate; guard belts,	Complied.
Tate Wire Cord Co.,	Wire cord,	10	9	-	-	Good,	Rail stairs,	Complied.

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DISTRICT NO. 1 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	NUMBER EMPLOYED. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Malden — Con.								
Mettal Enamel Co.,	Enamel,	2	5	-	1	Fair,	Procure certificate,	Complied.
Malden Electric Co.,	Lights and power,	12	-	-	-	Fair,	Guard shaft,	Complied.
Charles Niedner,	Hose,	4	10	-	2	Fair,	Rail stairs; post time tables,	Complied.
Renew Lamp Co.,	Electric lamps,	8	28	-	3	Good,	Procure certificates,	Complied.
Liberty Lamp Co.,	Electric lamps,	4	4	-	1	Fair,	Procure certificate,	Complied.
Malden News,	Printers,	6	4	-	1	Fair,	Procure certificate,	Complied.
E. Williams,	Laundry,	8	16	-	-	Fair,	Place supports under tank; designate water-closets,	Complied.
Wadsworth & Howland,	Paints,	32	9	-	-	Good,	Post time tables; guard set screws,	Complied.
Middlesex Last Co.,	Lasts,	38	-	-	-	Fair,	Guard set screws,	Complied.
Jordan & Christie,	Brushes,	14	44	-	1	Good,	Guard belts,	Complied
Malden Moulding Co.,	Mouldings,	30	-	-	1	Good,	Guard belts,	Complied.
H. H. Cummings,	Machinery,	4	-	-	-	Fair,	Guard set screws,	Complied.
Webster & Co.,	Tannery,	225	-	-	-	Good,	Repair elevator,	Complied.
Wiggins & Stevens,	Sandpaper,	29	9	-	-	Fair,	Repair elevator gates; post time tables,	Complied.
Malden White Lead Co.,	White lead,	4	-	-	-	Fair,	Guard belts,	Complied.
Tate Co.,	Cordage,	1	2	-	-	Fair,	Post time tables,	Complied.

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Malden & Melrose Gas Co.,	Gas,	8	-	-	-	Good,	Guard fly wheel,	Complied.
Boston Rubber Shoe Co.,	Rubber shoes,	800	800	-	27	Good,	Guard set screws and couplings,	Complied.
American Slipper Co.,	Slippers,	10	6	-	-	Good,	Guard set screws; sewing-machine shaft; and designate water-closets.	Complied.
Wiley Electric Co.,	Electric accumulators,	4	-	-	-	Good,	Guard fly wheel,	Complied.
Reading.								
Edgar Manufacturing Co.,	Patent supplies,	7	-	-	-	Good,	Post time tables; guard set screws,	Complied.
Pneumatic Mattress Co.,	Mattresses,	5	1	-	1	Fair,	Post time tables,	Complied.
E. B. Richardson,	Shoes,	24	10	-	-	Good,	Rail stairs; guard set screws,	Complied.
H. Hay,	Shoes,	17	13	-	-	Good,	Post time tables,	Complied.
Ford & Chase,	Shoes,	9	14	-	-	Good,	Guard set screws,	Complied.
Stoneham.								
T. H. Jones,	Shoes,	235	125	-	2	Good,	Repair elevator opening guard; repair skirt boards to sewing machines.	Complied.
H. B. Tucker,	Shoe stock,	26	16	-	-	Good,	Guard set screws,	Complied.
William Tidd & Co.,	Leather,	134	-	-	-	Fair,	Repair elevator safety,	Complied.
P. Cogan & Son,	Shoes,	185	140	-	1	Good,	Procure certificate,	Complied.
C. A Fitzgerald,	Leather,	15	-	-	-	Fair,	Guard crank shaft and set screws,	Complied.
L. P. Benton,	Shoes,	15	15	-	-	Good,	Repair fire-escape,	Complied.
L. V. Calahan,	Shoes,	50	25	-	-	Good,	Post time tables,	Complied.
T. J. Quin,	Morocco,	5	4	-	-	Good,	Post time tables; guard sewing-machine shaft,	Complied.
E. L. Patch & Co.,	Chemicals,	25	32	-	-	Good,	Post time tables,	Complied.
G. W. Turner & Co.,	Shoes,	24	14	-	-	Poor,	Clean privies,	Complied.

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DISTRICT NO. 1 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Somerville.								
Sprague & Hathway,	Picture frames,	54	45	-	1	Good,	Procure certificate,	Complied.
Wicksted & Co.,	Children's ware,	2	18	-	-	Good,	Place skirt boards to sewing machines,	Complied.
Electric Light Co.,	Electric lights,	26	-	-	-	Fair,	Guard belts,	Complied.
I. H. Brown,	Finish,	20	-	-	-	Fair,	Guard fly wheel; guard set screws,	Complied.
C. G. Toyier,	Finish,	2	-	-	-	Fair,	Guard set screws,	Complied.
J. A. Dodge,	Finish,	3	-	-	-	Fair,	Guard set screws,	Complied.
Somerville Journal,	Printers,	19	7	-	2	Good,	Repair elevator door,	Complied.
Middlesex Bleachery,	Bleaching,	188	32	-	1	Good,	Post time tables,	Complied.
P. Forge,	Machinery,	17	-	-	-	Good,	Guard belts,	Complied.
Birch Brothers,	Machinery,	7	-	-	-	Good,	Guard belts,	Complied.
Derby Desk Co.,	Desks,	160	-	-	-	Good,	Guard set screws; repair elevator safety,	Complied.
Columbia Shade Co.,	Shades,	3	20	-	-	Good,	Post time tables,	Complied.
Cushing Brothers,	Rollers,	13	2	-	-	Good,	Guard set screws,	Complied.
R. W. Carr & Co.,	Candy,	2	2	-	-	Good,	Post time tables,	Complied.
I. K. Kimball,	Novelty goods,	5	-	-	-	Poor,	Guard belts and provide sanitaries,	Complied.
Williams Table Co.,	Finish,	15	-	-	-	Good,	Guard set screws,	Complied.

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North Packing Co.,	Provisions,	1,020	6	-	10	Good,	Guard set screws and gears; post list of minors; procure school certificate.	Complied.
N. E. D. Meat & Wool Co.,	Provisions,	250	-	-	1	Good,	Procure certificate,	Complied.
L. T. Merrill & Co.,	Sausages,	6	-	-	-	Fair,	Guard set screws,	Complied.
Shirley.								
C. A. Edgerton,	Suspenders,	284	151	-	27	Good,	Repair elevator safety; place gong in engine room; procure certificate.	Complied.
F. D. Weeks,	Shoddy,	12	-	-	-	Good,	Guard belts and gears and set screws,	Complied.
Samson Cordage Co.,	Cordage,	74	46	-	-	Good,	Guard set screws,	Complied.
Sudbury.								
Hulburt & Rogers,	Machinery,	20	-	-	-	Good,	Communicate with engineer; rail stairs,	Complied.
Townsend.								
Spaulding Brothers,	Paper board,	40	5	-	-	Good,	Post time tables,	Complied.
Clarence Stickney,	Staves,	16	1	-	-	Good,	Guard set screws,	Complied.
Woburn.								
Griffin Place,	Shoe stock,	6	40	-	1	Good,	Repair elevator safety and provide new rope,	Complied.
H. S. Crombie & Co.,	Rivets,	3	1	-	-	Good,	Guard set screws,	Complied.
Russell Counter Co.,	Counters,	100	115	-	9	Good,	Guard set screws,	Complied.
E. C. Cottle & Son,	Leather,	75	-	-	-	Poor,	Guard knives of splitting machine; clean privies,	Complied.
W. C. Kenney,	Leather,	25	-	-	-	Fair,	Repair elevator safety,	Complied.
Steven Dow & Co.,	Leather,	80	-	-	-	Fair,	Guard mills, belts and set screws,	Complied.
J. C. Crane & Co.,	Leather,	33	-	-	-	Good,	Guard mills,	Complied.

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DISTRICT NO. 1 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Woburn — Con.								
Beggs & Cobb,	Leather,	60	-	-	-	Fair,	Guard mills, set screws and belts,	Complied.
Middlesex Tannery,	Leather,	125	-	-	-	Fair,	Guard mills and belts,	Complied.
F. S. Bassett,	Machinery,	12	-	-	-	Fair,	Guard set screws,	Complied.
E. Cummings & Co.,	Leather,	50	-	-	-	Fair,	Guard set screws and mills; new rope on elevator,	Complied.
Watanga Tanning Co.,	Leather,	75	-	-	-	Fair,	Guard mills and set screws,	Complied.
N. J. Simonds,	Shoe stock,	3	3	-	-	Fair,	Guard set screws,	Complied.
Bay State Brush Co.,	Brushes,	3	1	-	-	Fair,	Post time tables,	Complied.
F. C. Nichols,	Coal sacks,	4	8	-	-	Fair,	Post time tables,	Complied.
W. P. Fox,	Leather,	35	-	-	-	Fair,	Guard set screws,	Complied.
James Skinner,	Leather,	75	-	-	-	Good,	Guard belts,	Complied.
Merrimac Chemical Co.,	Chemicals,	126	-	-	-	Fair,	Guard set screws, fly wheel, and repair elevators,	Complied.
Fowle Brothers,	Saws,	35	-	-	-	Good,	Guard set screws,	Complied.
James Robertson,	Leather,	40	-	-	-	Good,	Guard belts and mills,	Complied.
Beader & Adamson & Co.,	Glue,	71	1	-	-	Fair,	Guard set screws and belts,	Complied.
American Linen Fibre Co.,	Linen fibre,	-	-	-	-	Good,	Guard fly wheel,	Complied.

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Winchester.									
Arthur T. Downer,	Laundry,	4	5	-	-	Good,	Rail stairs, guard set screws and belts,	Complied.
Mystic Cycle Co.,	Bicycles,	8	-	-	-	Fair,	Guard belts,	Complied.
J. H. Winn & Son,	Watch hands,	3	21	-	-	Fair,	Post time tables; designate water-closets,	Complied.
C. N. Bacon,	Buffing wheels,	12	5	-	1	Good,	Repair stairs; guard set screws,	Complied.
Beggs & Cobb,	Leather,	274	-	-	-	Fair,	Guard mills and set screws; new rope on elevator,	Complied.
Wakefield.								
Smith & Anthony,	Foundry,	145	-	-	-	Good,	New rope on elevator,	Complied.
Harvard Knitting Co.,	Knit goods,	6	170	-	1	Good,	Provide communication with engine room,	Complied.
Wakefield Reed Chair Co.,	Reed chairs,	19	1	-	-	Good,	Guard set screws,	Complied.
A. W. Brownell,	Printer,	4	2	-	1	Good,	Procure certificate,	Complied.
Wakefield Rattan Co.,	Rattan goods,	457	185	-	5	Good,	Box belts and post time tables,	Complied.
Wakefield & Stoneham Electric Power Station.	Power,	6	-	-	-	Good,	Guard belts and fly wheel,	Complied.
Waltham.								
Daily Free Press,	Printing,	8	1	-	-	Fair,	Guard belt,	Complied.
F. C. Gifford,	Wagons,	5	-	-	-	Poor,	Provide sanitaries,	Complied.
American Waltham M'f'g Co.,	Bicycles,	50	-	-	-	Good,	Post time tables,	Complied.
Waltham Machine Co.,	Tools,	6	-	-	-	Good,	Post time tables,	Complied.
Waltham Foundry,	Foundry,	20	-	-	-	Fair,	Provide safety on elevator,	Complied.
Waltham Screw Co.,	Screws,	15	5	-	1	Good,	Pay weekly,	Complied.
Waltham Bleachery,	Bleaching,	253	14	-	-	Good,	Guard gears and belts in box shaft,	Complied.
Davis & Farnam,	Foundry,	151	-	-	-	Good,	Box shaft,	Complied.

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DISTRICT NO. 1 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Waltham — Con.								
American Crayon Co.,	Crayons,	8	-	-	1	Good,	Procure certificate,	Complied.
Libby & Larcum,	Finish,	7	-	-	-	Good,	Guard set screws and belts,	Complied.
E. L. Barry,	Printers,	4	1	-	-	Good,	Guard set screws; post time tables,	Complied.
Weston.								
C. A. Freeman,	Screens,	6	-	-	-	Good,	Guard gears,	Complied.
Hook & Hastings,	Organs,	100	-	-	-	Good,	Guard set screws,	Complied.
Wilmington.								
Perry & Harriman,	Leather,	25	-	-	-	Fair,	Guard set screws,	Complied.
Wayland.								
M. C. Griffin,	Shoes,	128	22	-	1	Fair,	Guard belts; procure certificate; repair steps and stairs; clean privies.	Complied.
Caswell Brothers,	Shoes,	26	4	-	-	Fair,	Post time tables,	Complied.
C. F. Chessman,	Shoes,	12	3	-	-	Good,	Guard set screws,	Complied.
Williams Shoe Co.,	Shoes,	21	4	-	-	Good,	Guard set screws,	Complied.
C. W. Dean & Son,	Shoes,	228	42	-	-	Good,	Repair elevator safety,	Complied.
Ricker & Lamerain,	Shoes,	11	3	-	-	Good,	Guard sewing-machine shaft; repair steps,	Complied.

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DISTRICT No. 2, ... JOSEPH HALSTRICK, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Ashland.								
Pingree & Brewer,	Shoes,	12	3	-	-	Good,	Guard belting,	Complied.
Bellingham.								
American Woolen Co.,	Satinets,	80	75	-	-	Good,	Guard belting,	Complied.
Taft, Murdock & Co.,	Satinets,	100	75	-	1	Good,	Guard crank, connecting rod and set screws,	Complied.
Boston.								
M. A. Ferrone & Co.,	Tailoring,	3	1	-	-	Good,	Post time notice,	Complied.
E. A. Matthus,	Electro-plating,	6	-	-	-	Good,	Guard belting,	Complied.
J. H. Fitch,	Brass-finishing,	4	-	-	-	Good,	Guard belting,	Complied.
B. Pearson,	Mouldings,	5	-	-	-	Good,	Guard belting,	Complied.
J. J. McNutt,	Office fixtures,	25	-	-	-	Good,	Guard belting,	Complied.
G. W. Hill & Co.,	General wood work,	6	-	-	-	Good,	Guard belting,	Complied.
Perkins Sanding Machine,	Wood working,	20	9	-	-	Good,	Post time notice,	Complied.
H. Wilchelsky,	Tailoring,	2	1	-	-	Good,	Post time notice,	Complied.
J. G. & B. S. Ferguson,	Bakers,	161	6	-	-	Good,	Guard fly wheel and gearing,	Complied.

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DISTRICT NO. 2 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
City Water Supply shop,	Repairing,	115	-	-	-	Good,	Guard set screws,	Complied.
J. L. & H. K. Potter,	Wagons and carriages,	15	-	-	-	Good,	Guard set screws,	Complied.
L. S. Sloan,	Sloan's liniment,	4	10	-	-	Good,	Post time notice,	Complied.
Empire Coat & Linen Supply Co.,	Duck coats,	-	10	-	-	Good,	Post time notice,	Complied.
Eastern Laundry,	Laundry,	5	25	-	-	Good,	Guard set screws,	Complied.
Estate W. F. Badger,	Building finish,	25	-	-	-	Good,	Guard set screws,	Complied.
Gordon Manufacturing Co.,	Coats and aprons,	3	23	-	-	Good,	Post time notice,	Complied.
Brown, Simons Co.,	Furniture,	35	-	-	-	Good,	Guard set screws,	Complied.
Timothy Smith,	Dry goods,	35	115	-	8	Good,	Post time notice,	Complied.
W. C. Blodgett & Co.,	Printing,	2	4	-	-	Good,	Post time notice,	Complied.
Novelty Paper Box Co.,	Paper boxes,	1	5	-	-	Good,	Post time notice,	Complied.
Geo. C. Davis Co.,	Shoes,	25	125	-	7	Good,	Provide certificate for minors; post time notice; guard shafting.	Complied.
A. Cohen,	Tailoring,	1	1	-	-	Fair,	Post time notice,	Complied.
A. G. Daniels Printing Co.,	Printing,	5	2	-	-	Good,	Post time notice; guard set screws,	Complied.
Union Rubber Co.,	Rubber gossamers,	25	40	-	1	Good,	Guard set screws,	Complied.
Clark & Kaufman,	Leather goods,	50	30	-	1	Good,	Post time notice; guard shafting,	Complied.

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Bailey & Weston,	Window shades,	5	1	-	-	Good,	Guard set screws,	Complied.
C. R. O'Donald & Co,	Silk waists,	1	15	-	-	Good,	Post time notice,	Complied.
A. D. Alexander,	Petticoats,	1	6	-	1	Good,	Post time notice,	Complied.
Proctor & Laman,	Skirts and aprons,	-	20	-	-	Good,	Guard shafting,	Complied.
S. Siebley & Co.,	Shirt bosoms,	-	2	-	-	Good,	Guard shafting,	Complied.
Turner & Co.,	Printing,	4	1	-	-	Good,	Post time notice; guard set screws,	Complied.
N. E. Chemical Co.,	Bottlers,	1	1	-	-	Good,	Post time notice,	Complied.
Bartlett Press,	Printing,	18	7	-	-	Good,	Post time notice; guard set screws,	Complied.
J. B. Bird Printing Co.,	Printing,	3	-	-	1	Good,	Provide certificate for minor,	Complied.
Farrington Printing Co.,	Printing,	15	3	-	1	Good,	Provide certificates for minors; guard set screws,	Complied.
Colburn Stationery Co.,	Printing,	10	-	-	1	Good,	Guard set screws,	Complied.
W. Yuszkowski,	Tailoring,	34	13	-	-	Good,	Post time notice,	Complied.
M. Barunik,	Tailoring,	9	6	-	-	Fair,	Guard set screws; designate water-closets,	Complied.
H. A. Thayer,	Cork handles,	6	-	-	2	Good,	Provide certificates for minors,	Complied.
Boston Hat Co.,	Hats,	3	2	-	-	Fair,	Post time notice,	Complied.
Pratt & Tufts,	Electrical appliances,	2	-	-	1	Good,	Provide certificate for minor,	Complied.
Henry Dunner,	Grinding and barber supplies.	3	-	-	1	Fair,	Provide certificate for minor,	Complied.
J. H. Talbot,	Neckwear,	-	12	-	-	Good,	Post time notice,	Complied.
J. Wiltrakis,	Tailoring,	24	8	-	-	Fair,	Designate water-closets,	Complied.
Abramson, Abrams & Co.,	Tailoring,	7	8	-	-	Good,	Post time notice,	Complied.
Marks & Juenskey,	Tailoring,	14	6	-	-	Good,	Post time notice,	Complied.
Witte & King,	Tailoring,	10	10	-	2	Good,	Provide certificates for minors,	Complied.

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DISTRICT NO. 2 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
S. Goldberg,	Tailoring,	1	3	-	-	Good,	Post time notice,	Complied.
Highland laundry,	Laundry,	4	10	-	-	Good,	Post time notice; guard pulley,	Complied.
Eagle Cloak Co.,	Cloaks and silk waists,	10	10	-	-	Good,	Post time notice,	Complied.
Novelty Cloak Co.,	Cloaks and silk waists,	5	15	-	-	Good,	Post time notice,	Complied.
V. A. Mills,	Corset maker,	-	4	-	1	Good,	Provide certificate for minor,	Complied.
Globe Shirt Co.,	Men's shirts,	4	1	-	2	Good,	Discharge children illegally employed,	Complied.
Creamer, Wing Laundry Co.,	Laundry,	30	70	-	-	Good,	Guard fly wheel and belt,	Complied.
Boston Glove Co.,	Kid gloves,	2	5	-	-	Good,	Post time notice,	Complied.
F. A. Hastings & Co.,	Petticoats and skirts,	4	46	-	-	Good,	Post time notice,	Complied.
Standard Manufacturing Co.,	Underwear and wrappers.	25	125	-	1	Good,	Provide certificate for minor,	Complied.
N. Y., N. H. & H. R.R. repair shops,	Machinist,	325	-	-	-	Good,	Provide extension oil cups to engine,	Complied.
G. Taylor,	Millinery,	-	5	-	-	Good,	Post time notice,	Complied.
Consolidated Fastener Co.,	Buttons and fasteners,	60	65	-	7	Good,	Guard shafting; pay weekly,	Complied.
Boyle Bros.,	Clothing,	30	70	-	-	Good,	Post time notice,	Complied.
Thos. G. Plant Co.,	Women's shoes,	765	750	-	119	Good,	Guard coupling pins, set screws and belting,	Complied.
Murphy & O'Brien,	Tailoring,	17	4	-	-	Fair,	Provide extra water-closet,	Complied.

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Boston Tailoring Co.,	Tailoring,	12	13	-	-	Fair,	Provide extra water-closet,	Complied.
George Donovan,	Tailoring,	7	28	-	-	Fair,	Designate water-closet,	Complied.
A. Ziegler,	Narrow fabrics,	13	53	-	2	Good,	Guard set screws; provide certificates for minors,	Complied.
Roessle Brewing Co.,	Beer brewing,	60	-	-	-	Good,	Guard set screws,	Complied.
Franklin Brewing Co ,	Beer brewing,	60	-	-	-	Good,	Guard wheel to dynamo, main belt, pulleys and belts to elevator drum and blower; guard bridge, etc.	Complied.
A. Shuman & Co.,	Clothing,	200	110	-	2	Good,	Provide certificates for minors,	Complied.
T. J. Curtis,	Wood working,	3	-	-	-	Good,	Guard belting,	Complied.
W. J. Blair,	Drums,	2	-	-	-	Good,	Guard belt,	Complied.
F. L. Dunn,	Tailoring,	21	4	-	-	Good,	Post time notice,	Complied.
J. Shalihaffsky,	Tailoring,	8	7	-	-	Good,	Post time notice,	Complied.
Goddard Manufacturing Co.,	Tailoring,	4	4	-	-	Fair,	Post time notice,	Complied.
Hodges & Hammell,	Gold leaf printing,	3	1	-	-	Good,	Post time notice,	Complied.
A. Colton,	Tailoring,	2	2	-	-	Fair,	Post time notice,	Complied.
M. Gallant,	Tailoring,	1	1	-	-	Fair,	Post time notice,	Complied.
The Reece Button Hole Machine Co.,	Button hole machines,	70	-	-	-	Good,	Guard set screws,	Complied.
J. G. Small,	Cloaks,	5	50	-	-	Good,	Post time notice,	Complied.
J. Rudy,	Skirts and silk waists,	4	6	-	-	Good,	Post time notice,	Complied.
Harvard Rubber Co.,	Mackintoshes,	25	15	-	-	Good,	Post time notice,	Complied.
John Eder,	Tailoring,	2	1	-	-	Good,	Post time notice,	Complied.
Boston Belting Co.,	Belting,	490	-	-	-	Good,	Provide certificates for minors,	Complied.
Levy & Wessalo,	Tailoring,	14	6	-	-	Good,	Post time notice,	Complied.
New England Dredging Co.,	Machinery,	64	-	-	-	Good,	Pay weekly,	Complied.

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DISTRICT NO. 2 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Standard Sugar Refinery,	Sugar,	500	25	-	-	Good,	Post time notice,	Complied.
N. Y., N. H. & H. R. R machine shop,	Shop machinery,	225	-	-	-	Good,	Guard fly wheel and gearing,	Complied.
W. W. Potter,	Boot and shoe shanks,	26	24	-	-	Good,	Post time notice,	Complied.
Ipswich Mills,	Hosiery,	11	273	-	49	Good,	Provide certificates for minors; guard shafting,	Complied.
Geo. C. Davis,	Shoes,	125	30	-	2	Good,	Provide certificates for minors,	Complied.
P. & M. Crown,	Cloth hats and caps,	3	1	-	-	Good,	Post time notice,	Complied.
Mrs. L. P. Blank,	Laundry,	2	5	-	-	Good,	Post time notice,	Complied.
Chas. F. Baker & Co.,	Wire nails,	21	21	-	-	Good,	Provide shippers to belts; guard set screws,	Complied.
J. H. McCafferty,	Brass castings,	18	1	-	1	Good,	Provide certificate for minor,	Complied.
A. H. Kronenberg,	Tailoring,	8	12	-	-	Good,	Provide extra water-closet,	Complied.
Curtis & Cameron,	Photo publishers,	6	1	-	1	Good,	Provide certificate for minor,	Complied.
Taylor Brothers,	Laundry,	3	16	-	1	Good,	Provide certificate for minor,	Complied.
Norfolk Manufacturing Co,	Soap,	6	-	-	-	Good,	Guard fly wheel and set screws,	Complied.
Franklin.								
Singleton Worsted Co,	Worsted goods,	50	50	-	5	Good,	Provide certificates for minors; guard belting and set screws.	Complied.

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American Woolen Co. (Ray's mill),	Cassimeres,	80	50	-	1	Good,	Guard belting,	Complied.
H. T. Haywood,	Satinets,	72	53	-	2	Good,	Provide certificate for minor,	Complied.
Framingham.								
Dennison Manufacturing Co.,	Paper boxes and tags,	400	700	-	15	Good,	Box belting; guard set screws,	Complied.
Armour & Co.,	Beef, lambs and provisions.	10	-	-	-	Good,	Keep gates to elevator well closed when not in use,	Complied.
A. M. Eames & Co.,	Wheel stock,	15	-	-	-	Good,	Guard set screws,	Complied.
Saxonville mill,	Worsted yarns and blankets.	130	120	-	4	Good,	Box belting,	Complied.
Holliston.								
Hughes & Co.,	Harnesses,	55	5	-	-	Good,	Post time notice,	Complied.
John Clancy,	Shoes,	42	8	-	-	Good,	Guard set screws,	Complied.
Hopkinton.								
Crooks, Root & Co,	Boots and shoes,	145	52	-	2	Good,	Provide certificates for minors; guard coupling pins, set screws and belts.	Complied.
Fred H. Claflin,	Paper and wooden boxes.	12	10	-	-	Good,	Guard fly wheel and main belt,	Complied.
Cloutman & Dunham,	Boots and shoes,	110	40	-	-	Good,	Guard set screws,	Complied.
Hopedale.								
The Draper Co.,	Machinery,	1,456	6	-	26	Good,	Provide certificate for minor,	Complied.
Marlborough.								
S. H. Howe Shoe Co. (M),	Shoes,	420	135	-	14	Good,	Guard set screws,	Complied.
Marlboro Street R.R. power house,	Electric power,	4	-	-	-	Good,	Guard belts and pulleys,	Complied.
Rice & Hutchins Shoe Co,	Shoes,	265	200	-	13	Good,	Guard shafting, set screws, coupling pins and belting,	Complied.

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DISTRICT NO. 2 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Marlborough—Con.								
Frank & Duston,	Paper boxes and shoes,	45	30	-	9	Good,	Guard set screws,	Complied.
Rice & Hutchins (Middlesex),	Boots and shoes,	160	90	-	14	Good,	Guard set screws,	Complied.
Rice & Hutchins (N.),	Boots and shoes,	80	50	-	4	Good,	Provide certificate for minor,	Complied.
Marlboro Awl and Needle Co.,	Awls and needles,	20	-	-	-	Good,	Guard belt and wheel,	Complied.
T. J. Beaudry,	Cutting dies,	11	-	-	-	Good,	Guard set screws,	Complied.
John O'Connell & Sons,	Boots and shoes,	125	75	-	7	Good,	Guard set screws,	Complied.
Phœnix Counter Co.,	Shoe counters,	20	-	-	9	Good,	Provide certificates for minors; post time notice; guard set screws.	Complied.
T. E. Holt,	Machinist,	2	-	-	-	Good,	Guard set screws,	Complied.
S. H. Howe Shoe Co. (A.),	Shoes,	190	80	-	10	Good,	Guard set screws,	Complied.
S. H. Howe Shoe Co. (F.),	Shoes,	300	150	-	14	Good,	Guard set screws and shafting,	Complied.
Milford.								
Acme Steam Laundry,	Laundry,	3	2	-	-	Good,	Post time notice,	Complied.
Carroll, Hixon, Jones & Co.,	Straw hats,	60	240	-	-	Good,	Post time notice; guard set screws,	Complied.
Milford Electric Power and Light Co.,	Electric light,	5	-	-	-	Good,	Guard wheel and alternator,	Complied.
New England Rubber Co.,	Rubber clothing,	5	-	-	-	Good,	Guard main belt and elevator well,	Complied.

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Clapp, Huckins & Temple,	Shoes,	295	100	-	7	Good,	Repair gate to elevator well and rope to counter balance,	Complied.
Milford Shoe Co. (No 2.),	Shoes,	115	77	-	4	Good,	Post list of children under age of 16,	Complied.
S. A. Eastman,	Paper and wooden boxes,	27	12	-	-	Good,	Guard shafting, gearing and set screws,	Complied.
J. A. Higgins & Co.,	Wood working,	6	-	-	-	Good,	Guard set screws,	Complied.
Driscoll Shoe Co.,	Shoes,	29	1	-	1	Good,	Guard set screws,	Complied.
Medway.								
S. A. Greenwood,	Paper and wooden boxes,	14	8	-	-	Good,	Post time notice; guard set screws; box belting and pulleys.	Complied.
Cole, Senior & Co.,	Cassimeres,	70	10	-	-	Good,	Guard main belt and wheel,	Complied.
A M. Smith,	Boots and shoes,	100	7	-	3	Good,	Guard belt pulley and shafting; post time notice,	Complied.
Natick.								
Natick Box Co.,	Paper boxes,	4	20	-	-	Good,	Guard set screws,	Complied.
J. W. Walcott & Co ,	Shoes,	85	25	-	-	Good,	Guard set screws,	Complied.
Estate P. G. Doherty,	Heel stock,	6	14	-	-	Good,	Guard set screws,	Complied.
Johnson, Dale & Aldrich,	Shoes,	115	30	-	1	Good,	Guard set screws,	Complied.
E. Edwards & Sons,	Shirts,	7	105	-	-	Good,	Guard set screws,	Complied.
Brennen Boot & Shoe Co.,	Boots and shoes,	24	6	-	-	Good,	Pay weekly; guard set screws,	Complied.
Needham.								
Union Cycle Manufacturing Co.,	Bicycles,	147	3	-	-	Good,	Guard shafting and set screws; post time notice,	Complied.
Wm. Carter & Co.,	Knit goods,	20	55	-	4	Good,	Provide certificate for minor; post list of minors; guard set screws.	Complied.

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DISTRICT NO. 2 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Southborough.								
Deerfoot Farm Creamery,	Creamery,	27	5	-	-	Good,	Post time notice,	Complied.
Cordaville Woolen Co.,	Woollen blankets,	30	35	-	-	Good,	Guard main belt and set screws,	Complied.
Alden Bros.,	Creamery,	2	-	-	-	Good,	Guard belt and set screws,	Complied.
Novelty Plaster Works,	Porous plasters,	7	3	-	-	Good,	Guard set screws,	Complied.
Wellesley.								
Billings & Clapp,	Chemicals,	29	10	-	-	Good,	Guard set screws,	Complied.
Dudley Mills,	Knit goods,	35	55	-	4	Good,	Guard set screws,	Complied.

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Summary.

Number of inspections,	757
Orders issued,	213
Elevators inspected,	69
Children between fourteen and sixteen employed,	732
Whole number of males,	22,858
Whole number of females,	13,004
Total number of males and females,	35,862

REPORT OF INSPECTOR BURLEIGH.

I respectfully submit a tabulated report of inspections made in District No. 3 for the year now ended.

The guarding of dangerous machinery needs constant care and attention on the part of the inspectors, because new machinery is added and old machinery is constantly being changed, and as a rule left unguarded until found by the inspectors or an accident happens. The orders to guard such machinery for the better protection of the employees have been promptly complied with.

No illiterate minors were found at work, and only three under fourteen years of age were employed, and they were sent to school; nearly all between the age of fourteen and sixteen had the required school certificate.

The fifty-eight-hour weekly law for women and minors has been fully complied with.

I have found manufacturers willing to improve the sanitary and ventilating conditions of their factories.

Summary.

Number of inspections made,	873
Number of orders issued,	128
Number of compliances,	128
Number of children between fourteen and sixteen,	146
Number of males employed,	13,615
Number of females employed,	4,973
Total number employed,	18,734
Number of elevators inspected,	9

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DISTRICT No. 3, ... NAROY G. BURLEIGH, *Inspector.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston.								
Bardwell & Gaier,	Mantels,	12	-	-	-	Good,	Guard set screws,	Complied.
A. E. Kenney & Co.,	Bedding,	25	5	-	-	Fair,	Guard set screws,	Complied.
John D. Mack,	Engines,	5	1	-	-	Fair,	Guard set screws,	Complied.
A. G. Bradish & Son,	Dairy supplies,	5	-	-	-	Good,	Guard set screws,	Complied.
Charles Torrey & Co.,	Marble works,	15	-	-	-	Good,	Guard set screws,	Complied.
Edward Prescott,	Carriage jacks,	6	-	-	-	Good,	Guard set screws,	Complied.
E. C. Smith & Co.,	Stair builders,	12	-	-	-	Good,	Guard set screws,	Complied.
Alexander Keane & Co.,	Printers,	4	2	-	-	Good,	Post time tables,	Complied.
A. A. Knight & Sons,	Preserves,	14	7	-	-	Good,	Post time tables; guard set screws,	Complied.
B. F Brown & Co.,	Blacking,	30	5	-	-	Good,	Post time tables,	Complied.
W. G. Bell & Co.,	Spices,	6	-	-	-	Good,	Guard set screws,	Complied.
Boston Tin Can Co.,	Tin cans,	48	12	-	-	Good,	Guard set screws,	Complied.
J. W. Hoffman Co ,	Paints,	15	3	-	-	Good,	Designate closets; post time tables; guard set screws,	Complied.
C. F. Harlow & Co.,	Machinery,	12	-	-	-	Good,	Guard set screws,	Complied.
Thomas F. McCarthy & Co.,	Wire screens,	14	6	-	-	Good,	Post time tables,	Complied.
Aldrich & Smith,	Confectionery,	30	25	-	-	Good,	Box belt third floor,	Complied.

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M. C. Rosenfeldt,	Machinery,	6	4	-	-	Fair,	Guard set screws; procure certificate for minor,	Complied.
F. T. McGann,	Brass foundry,	20	1	-	-	Good,	Guard set screws,	Complied.
Bowker & Torrey,	Marble workers,	150	2	-	-	Good,	Guard crank and connecting rod; guard set screws,	Complied.
L. F. Ham & Co.,	Iron works,	40	-	-	-	Good,	Guard crank to engine; box belt; guard set screws,	Complied.
Goldsmith, Silver & Co.,	Cigars,	48	12	-	-	Good,	Post time tables,	Complied.
Brattle Block,	Various,	300	100	-	-	Good,	Box shafting in yard,	Complied.
New England Parlor Furniture Co.,	Sofas,	10	-	-	-	Fair,	Procure certificate for minor; post time tables,	Complied.
Columbia Meyers Upholstery Co.,	Sofas,	14	2	-	-	Fair,	Post time tables,	Complied.
Thomas Groom & Co.,	Various,	10	5	-	-	Fair,	Post time tables,	Complied.
Boston Printing Co.,	Printing,	8	6	-	-	Good,	Post time tables,	Complied.
Aaron A. Gray,	Blank books,	6	2	-	-	Fair,	Post time tables,	Complied.
Kingman & Co.,	Duck coats,	3	5	-	-	Fair,	Post time tables,	Complied.
Boston Co-operative Press Co.,	Printing,	15	1	-	-	Good,	Guard dynamo,	Complied.
J. W. Corgan,	Harnesses,	20	-	-	-	Good,	Procure certificate for minor,	Complied.
International Bridle Co.,	Bridles,	8	-	-	-	Good,	Procure certificate for minor,	Complied.
C. W. Gillette,	Pictures,	4	4	-	-	Good,	Guard wheel,	Complied.
C. H. Traiser & Co.,	Cigars,	55	40	-	-	Good,	Post time tables,	Complied.
R. P. Hoagland,	Extracts,	6	3	-	-	Fair,	Post time tables,	Complied.
B. Falk & Co.,	Pants,	2	6	-	-	Fair,	Post time tables and provide closet for women,	Complied.
Boston Confectionery Co.,	Confectionery,	2	3	-	-	Good,	Post time tables,	Complied.
A. G. Bradish & Son,	Dairy supplies,	6	6	-	-	Good,	Post time tables,	Complied.
The Three Tailors,	Clothing,	7	7	-	-	Good,	Post time tables,	Complied.

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DISTRICT NO. 3 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
H. A. Poole,	Printer,	25	5	-	-	Good,	Guard set screws,	Complied.
C. F. Mahoney,	Bookbinding,	12	6	-	-	Good,	Guard set screws,	Complied.
Gammon & Quallor,	Paper rulers,	3	2	-	-	Good,	Post time tables,	Complied,
Henry C. Dimond,	Hand stamps,	13	2	-	-	Good,	Post time tables; guard set screws,	Complied.
Symonds & Poor,	Machinery,	8	-	-	-	Fair,	Guard set screws,	Complied.
M. Sadofsky,	Clothing,	14	4	-	-	Poor,	Designate closets,	Complied.
Charles Gilchrist & Co.,	Jewelry,	22	20	-	-	Fair,	Designate closets; guard set screws,	Complied.
Barrett Brothers,	Machinery,	25	-	-	-	Good,	Guard set screws,	Complied.
Feck Brothers,	Printing,	9	5	-	-	Good,	Post time tables,	Complied.
I. S. Johnson,	Medicine,	14	10	-	-	Good,	Post time tables,	Complied.
F. P. Norton,	Cigars,	30	10	-	-	Good,	Post time tables,	Complied.
A. Berestine,	Coats,	4	2	-	-	Fair,	Post time tables,	Complied.
Boston Mattress Co.,	Bedding,	7	3	-	-	Fair,	Designate closets,	Complied.
G. H. Dickerman,	Paper boxes,	100	100	-	-	Good,	Guard set screws,	Complied
Harry Koppel,	Coats,	18	7	-	-	Fair,	Designate closet,	Complied.
M. Kobitz,	Pants,	8	4	-	-	Fair,	Post time tables,	Complied.

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O. M. Baker,	Bedding,	15	8	-	-	Good,	Box belt and pulley; guard roller; post time tables,	Complied.
Cohen Levine,	Coats,	10	3	-	-	Fair,	Post time tables,	Complied.
Otis S. Neil & Co.,	Bottlers,	51	1	-	-	Good,	Guard set screws,	Complied.
Isaac Shelman,	Clothing,	13	8	-	-	Fair,	Post time tables,	Complied.
Louis Kabish,	Vests,	4	2	-	-	Fair,	Post time tables,	Complied.
Dwinnell & Wright,	Coffee,	48	26	-	-	Good,	Guard set screws,	Complied.
H. L. Bowker,	Halford sauce,	8	2	-	-	Good,	Post time tables,	Complied.
L. P. Bennett & Co.,	Cigars,	48	11	-	-	Good,	Post time tables,	Complied.
A. B. Franklin,	Ventilating,	25	-	-	-	Good,	Guard crank and fly wheel,	Complied.
Dalton Ingersoll Co.,	Plumbing,	35	-	-	-	Good,	Guard crank and fly wheel,	Complied.
S. Gryzmich,	Cigars,	16	5	-	-	Good,	Post time tables,	Complied.
Bently, Frazer & Co.,	Cigars,	6	3	-	-	Good,	Designate closets,	-
George T. Hoyt,	Awnings,	6	6	-	-	Good,	Post time tables,	Complied.
William Underwood,	Canned goods,	18	20	-	-	Good,	Guard set screws,	Complied.
George T. McLaughlin,	Machinery,	45	-	-	-	Fair,	Guard set screws,	Complied.
G. W. Bent & Co.,	Bedding,	40	20	-	-	Good,	Guard picking machine and set screws,	Complied.
Charles Ranney,	Wrappers,	11	3	-	-	Fair,	Post time tables,	Complied.
F. L. Daggett & Co.,	Confectionery,	11	30	-	-	Good,	Guard set screws,	Complied.
W. T. Sadlier & Co.,	House trimmings,	12	-	-	-	Fair,	Guard set screws,	Complied.
Boston Paste Co.,	Paste,	10	-	-	-	Fair,	Guard set screws,	Complied.
Waitt & Bond,	Cigars,	250	75	-	-	Good,	Post time tables,	Complied.
Boston Musical Instrument Mfg. Co.,	Brass instruments,	20	-	-	-	Good,	Guard set screws,	Complied.

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DISTRICT NO. 3 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
R. G. Hildebrand,	Cigars,	5	2	-	-	Good,	Post time tables,	Complied.
Frank B. Oberle,	Cigars,	28	7	-	-	Good,	Post time tables; designate closets,	Complied.
Howard Cigar Manufacturing Co.,	Cigars,	8	3	-	-	Fair,	Post time tables,	Complied.
F. P. Smith,	Cigars,	4	2	-	-	Good,	Post time tables,	Complied.
Max Lewis,	Pants,	7	6	-	-	Fair,	Post time tables,	Complied.
S. D. Hicks & Son,	Coppersmiths,	85	-	-	-	Good,	Guard crank and fly wheel,	Complied.
Golding & Co.,	Printing machinery,	30	-	-	-	Good,	Guard crank and fly wheel,	Complied.
John Welensky,	Pants,	5	2	-	-	Fair,	Post time tables,	Complied.
D. Berger & Co.,	Coats,	12	4	-	-	Fair,	Post time tables,	Complied.
Cohen Brothers,	Pants,	15	4	-	-	Fair,	Post time tables,	Complied.
A. A Smith,	Coats,	12	10	-	-	Fair,	Post time tables,	Complied.
J. P. & D. Plummer,	Canned goods,	12	6	-	-	Good,	Guard crank and fly wheel,	Complied.
Boston Potato Chip Co.,	Potato chips,	10	7	-	-	Good,	Provide closet for women,	Complied.
R. Vesce,	Macaroni,	8	-	-	-	Fair,	Guard set screws,	Complied.
John Keenan,	Bags,	9	4	-	-	Fair,	Post time tables,	Complied.
Page Brothers & Co.,	Railroad supplies,	43	3	-	-	Good,	Guard gear and set screws,	Complied.

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George A. Odiorne,	Overalls,	9	3	-	-	Good,	Guard wheels to sewing machine and set screws,	Complied.
M. C. Plummer,	Wooden ware,	6	-	-	-	Good,	Procure certificate for minor,	Complied.
Boston Telegraph Co.,	Telegraphers,	11	-	-	-	Good,	Procure certificate for minor,	Complied.
T. T. Timayenis,	Cigarettes,	8	2	-	-	Good,	Procure certificate for minor,	Complied.
Brooks, Bonnell & Co.,	Printers,	25	35	-	-	Good,	Post time tables,	Complied.
E. L. Patch & Co.,	Chemistry,	10	-	-	-	Good,	Guard set screws,	Complied.
Edwin Harkins & Co.,	Sales-room,	4	-	-	-	Good,	Procure certificate for minor,	Complied.
W. T. Sadlier,	Bookbinding,	20	10	-	-	Good,	Post time tables; guard set screws,	Complied.
C. A. Miller & Co.,	House trimmings,	12	-	-	-	Fair,	Guard set screws,	Complied.
Boston Paste Co.,	Paste,	10	-	-	-	Fair,	Guard set screws,	Complied.
Maverick Oil Co.,	Oils,	15	-	-	-	Good,	Procure certificate for minor,	Complied.
Boston Mailing Co.,	Pamphlets,	30	100	-	-	Excellent,	Post time tables,	Complied.
W. Piper & Co.,	Vinegar,	8	2	-	-	Poor,	Designate closet,	Complied.
Charles Moss,	Printer,	9	-	-	-	Good,	Procure certificate for minor,	Complied.
John P. Lovell & Co.,	Bicycle clothing,	12	11	-	-	Good,	Post time table,	Complied.
Cutler Brothers & Co.,	Druggists,	60	-	-	-	Good,	Procure certificate for minor,	Complied.
Brookline.								
Sunshine Laundry,	Laundry,	20	17	-	-	Good,	Post time tables,	Complied.
E. J. Ritchie,	Nautical goods,	13	2	-	-	Good,	Guard set screws,	Complied.

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DISTRICT NO. 3 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Newton.								
Pattee & Saco,	Machinery,	450	-	-	-	Good,	Guard set screws,	Complied.
Gamewell Fire & Telegraph Co.,	Fire alarm,	120	-	-	-	Fair,	Ventilate plating room; provide new closets,	Complied.
Newton Worsted Mills,	Worsted,	230	265	-	-	Good,	Guard set screws,	Complied.
Newton Rubber Works,	Rubber goods,	80	12	-	-	Good,	Guard set screws,	Complied.
Newton Yarn Co.,	Yarn,	50	100	-	-	Good,	Guard set screws,	Complied.
Silver Lake Co.,	Cords and lines,	30	50	-	-	Good,	Guard set screws,	Complied.
N. E. Telephone & Telegraph Co.,	Telephone,	2	3	-	-	Good,	Provide separate closets,	Not completed.
Newton Machine Co.,	Dress goods,	100	150	-	-	Good,	Procure new ropes for elevator,	Complied.
Watertown.								
The Union Bag & Paper Co.,	Paper bags,	58	50	-	-	Good,	Guard set screws; post time tables,	Complied.
Lewando's Laundry,	Laundry,	50	125	-	-	Good,	Box belt second floor; guard set screws,	Complied.
Metropolitan Laundry,	Laundry,	25	100	-	-	Good,	Designate closets,	Complied.
Hood Rubber Co.,	Rubber goods,	425	575	-	-	Good,	Guard belt and fly wheel; strengthen railing front of shaft.	Complied.
Ætna Mills,	Woollens,	50	200	-	-	Good,	Guard set screws,	Complied.
Bemis Worsted Mills,	Worsted,	25	75	-	-	Good,	Guard crank to engine and guard set screws,	Complied.

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Report of Inspector Sillars.

I have the honor to submit with this a tabulated report of inspections made by me during the year in District No. 4. My whole district is in Suffolk County.

I am pleased to report an improvement in all kinds of business, more hands being employed than heretofore.

The various laws we are called upon to enforce meet with scarcely any friction from the manufacturers. They all feel the laws are wise and just, and are beneficial to both employer and employee.

There is always a change going on in regard to machinery, etc. Parties are moving from factory to factory, and shafting and machinery are often changed. Walls are being cleaned and whitewashed, and when next the inspector calls he finds machinery to be guarded and time tables to be posted. Of the 399 orders given during the year, 39 were for sanitary improvement, 96 in relation to the hours of labor, 201 were general orders, mostly in relation to guarding of machinery, etc., and 63 were for school certificates, etc. Several illiterate minors were found at work who were sent to evening schools. Nine children under fourteen years of age were found at work, who were sent to school.

There have been two fatal accidents in this district during the year, both on elevators.

Summary.

	Boston.	East Boston.	Charlestown.	Chelsea.	Revere.	Totals.
Inspections,	254	91	75	93	7	520
Orders given,	198	51	65	83	2	399
Males employed,	4,599	1,119	1,654	2,566	108	10,046
Females employed,	2,208	127	570	952	25	3,882
Males fourteen to sixteen years,	35	6	10	20	1	72
Females fourteen to sixteen years,	34	4	17	26	-	81
Total employees,	6,876	1,256	2,251	3,564	134	14,081
Elevators inspected,	-	-	-	30	2	32

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DISTRICT No. 4, ... MALCOLM SILLARS, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
East Boston.								
Bertilsen & Petterson,	Engines,	32	-	-	1	Fair,	Cover set screws; guard glass; procure certificate,	Complied.
Johnson, Olson & Co.,	Office fixtures,	4	-	-	-	Fair,	Cover set screws,	Complied.
N. E. Pottery Co.,	Pottery,	44	6	-	1	Fair,	Cover set screws; one school certificate,	Complied.
C. A. Whooley & Co.,	Laundry,	2	16	-	-	Good,	Cover set screws,	Complied.
Standard Oil Co.,	Oil cans,	16	-	-	-	Fair,	Post time table,	Complied.
Boston & Lockport Block Co.,	Blocks,	44	-	-	-	Good,	Cover set screws,	Complied.
East Boston Whiting Co.,	Whiting,	9	-	-	-	Good,	Guard belts,	Complied.
Manufactures Laundry Co.,	Laundry,	6	3	-	-	Good,	Guard stairway,	Complied.
Sidney Petterson & Co.,	Ship finish,	16	-	-	1	Fair,	Procure one certificate; post time table,	Complied.
Boston Elevated R.R. Co.,	Power,	7	-	-	-	Good,	Guard upright boilers by rail,	-
Potter & Wrightington,	Canning,	20	22	-	1	Fair,	One school certificate; post time table,	Complied.
Geo. M. Porter,	Bicycles,	11	-	-	-	Poor,	Repair water-closet,	Complied.
Phonoharp Co.,	Zithers,	75	-	-	1	Good,	Box belt; rail stairway,	Complied.
Davis & White,	Finish,	13	-	-	-	Good,	Cover set screws; post time table,	Complied.
S. T. Manson,	Lumber,	30	-	-	1	Good,	Procure school certificate,	Complied.
West End Pants Co.,	Clothing,	14	21	-	-	Good,	Guard stitching shafting,	Complied.

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Frame & McPherson,	Finish,	5	-	-	-	Fair,	Cover set screws,	Complied.
C. W. York & Co.,	Kindlings,	19	-	-	-	Fair,	Improve ventilation,	Complied.
Standard Extract Co.,	Extracts,	3	-	-	-	Fair,	Guard opening,	Complied.
Frank Dimasso,	Clothing,	29	23	-	1	Good,	Unlock doors; one school certificate; guard belt,	Complied.
Cressene Jennie & Co.,	Macaroni,	6	-	-	-	Good,	Guard coupling,	Complied.
Columbia Manufacturing Co.,	Tables,	80	-	-	-	Fair,	Cover set screws,	Complied.
J. H. Long,	Machinery,	20	-	-	-	Fair,	Box belt,	Complied.
Planters Compress Co.,	Cotton presses,	14	-	-	1	Fair,	Guard gears; one school certificate; post time table; rail stairway.	Complied.
Randall Fertilizer Co.,	Fertilizers,	10	-	-	-	Fair,	Cover set screws,	Complied.
Edgar P. Lewis,	Candy,	13	32	-	2	Good,	Cover set screws; designate closets; one school certificate; post time table.	Complied.
New York & Boston Dye Wood Co.,	Dye stuff,	59	-	-	-	Fair,	Cover set screws,	Complied.
B. & A. R.R. Co,	Elevator,	25	-	-	-	Fair,	Guard shafting; cover set screws; guard gears,	Complied.
E. Hodge & Co.,	Boilers,	65	-	-	-	Poor,	Clean privy vault; post time table,	Complied.
S. T. LeBarron,	Boxes,	15	-	-	-	Fair,	Cover set screws; guard belts,	Complied.
Atlantic Works,	Machinery,	250	-	-	1	Fair,	Cover set screws; procure certificate,	Complied.
Charlestown.								
Superior Fast Black & Color Co.,	Dyeing,	26	4	-	-	Good,	Guard main belt,	Complied.
S. Wing & Co.,	Printing,	6	6	-	-	Good,	Procure school certificate,	Complied.
A. D. Hall & Son,	Refrigerators,	10	-	-	-	Fair,	Report accident,	Complied.
Richard W. Pratt,	Engines,	6	-	-	-	Fair,	Guard fly wheel,	Complied.
Cutter & Cutter,	Trunks,	18	6	-	-	Fair,	Guard opening; post time table,	Complied.
Powers & Co.,	Elevator,	6	-	-	-	Fair,	Cover set screws,	Complied.

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DISTRICT NO. 4 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Charlestown — Con.								
A. Da Prato,	Statuary,	10	-	-	-	Fair,	Illiterate to attend school,	Complied.
Estate of Jas. Palmer,	Springs,	12	-	-	-	Good,	Cover set screws,	Complied.
Palmer, Parker & Co.,	Veneers,	40	-	-	-	Fair,	Cover set screws,	Complied.
U. S. Lyons,	Beating,	4	-	-	-	Fair,	Guard fly wheel,	Complied.
Charlestown Gas & Electric Light Co.,	Light,	15	-	-	-	Good,	Guard gears,	Complied.
India Extract Co.,	Dye extracts,	4	-	-	-	Fair,	Guard opening,	Complied.
Whittemore, Woodbery & Co.,	Wax,	7	3	-	-	Good,	Post time table,	Complied.
Edwards & Hooper,	Stone ware,	9	-	-	-	Poor,	Repair privy,	Complied.
C. W. Hinman & Co.,	Gas meters,	30	-	-	-	Fair,	Guard engine; control power,	Complied.
Osgood & Hart,	Iron foundry,	62	-	-	-	Poor,	Repair privy; guard rattler,	Complied.
Orpin Bros.,	Desks,	50	-	-	-	Good,	Guard belt; post time table; illiterate minor attend evening school.	Complied.
J. C. Ginn & Co.,	Kindlings,	15	-	-	-	Fair,	Guard main belt; guard stairway,	Complied.
Phila. & Boston Face Brick Co.,	Brick,	46	-	-	-	Fair,	Guard large belt; cover set screws,	Complied.
Raymond Bicycle Co.,	Skates,	46	20	-	-	Fair,	Three illiterate minors to attend evening school; post time table.	Complied.
Geo. H. H. Davis,	Shoes,	6	3	-	-	Good,	Post time table,	Complied.
Chas. E. Greenman,	Shoes,	45	15	-	1	Fair,	One certificate; designate closets,	Complied.

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Stickney & Poor,	Spice,	50	20	-	-	Good,	Guard belt; post time table,	Complied.
P. Derby & Co.,	Chairs,	33	-	-	-	Good,	Guard hoist-way,	Complied.
National Biscuit Co.,	Crackers,	115	170	8	24	Good,	Cover set screws; guard gears; rail stairways; post list of children; provide additional closets; procure fourteen school certificates; cease employing children under fourteen years.	Complied.
Davidson Rubber Co.,	Druggist sundries,	65	75	-	-	Good,	Cover set screws,	Complied.
Hoosac Tunnel Elevator,	Grain elevator,	25	-	-	-	Fair,	Guard fly wheel; guard rope belts; guard driving wheel.	Complied.
Crosby Steam Gauge Co.,	Steam gauges,	115	5	-	-	Good,	Cover set screws,	Complied.
Geo. H. Ritchie,	Metal work,	12	4	-	-	Good,	Post time table,	Complied.
A. G. Van Nostrand,	Beer,	110	-	-	-	Fair,	Rail engine; guard belts; guard hoist-way,	Complied.
Howard Manufacturing Co.,	Yarn,	24	137	-	1	Good,	Post time table,	Complied.
Bunker Hill Laundry Co.,	Laundry,	3	44	-	-	Fair,	Box belt; cover set screws; post time table,	Complied.
Munroe & Connelly,	Clothing repairs,	8	6	-	-	Fair,	Guard fly wheel; cover set screws,	Complied.
Carmody & Co.,	Finish,	9	-	-	-	Fair,	Box belts; cover set screws,	Complied.
Geo. G. Fox Co.,	Pies,	92	4	-	-	Good,	Cover set screws; post time table,	Complied.
D. E. Wiggin,	Hoops,	10	-	-	-	Fair,	Guard gears; cover set screws,	Complied.
Bunker Hill Carriage Co.,	Carriages,	25	-	-	1	Good,	Guard engine; one school certificate; post time table,	Complied.
Chelsea.								
Weir Carpet Cleaning Co ,	Carpet beating,	2	2	-	-	Good,	Post time table,	Complied.
J. L. Morgan,	Webbing,	2	12	-	-	Good,	Report accident and post time table,	Complied.
Boston Blacking Co.,	Cement,	10	1	-	-	Good,	Cover three set screws,	Complied.
Helca Compressed Gas Co ,	Gas,	4	-	-	-	Fair,	Report accident,	Complied.
Geo. A. Drysdale,	Iron bedsteads,	3	2	-	-	Good,	Guard opening,	Complied.

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DISTRICT NO. 4 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Chelsea — Con.								
Albion Lord & Co.,	Hen feed,	5	-	-	-	Fair,	Box in belts; cover set screws,	Complied.
A. A. White & Co.,	Paints,	7	-	-	-	Fair,	Box in belts; cover set screws,	Complied.
F. W. Parks,	Tin boxes,	2	-	-	-	Fair,	Post time table,	Complied.
B. P. Nichols,	Printing,	3	4	-	1	Fair,	Designate closets; one school certificate,	Complied.
Stickney, Terrell & Co.,	Whiting,	19	-	-	-	Fair,	Repair elevator; cover set screws; box in belts,	Complied.
Seaver & Co.,	Bone black,	10	-	-	-	Good,	Cover set screws,	Complied.
H. Mason & Co.,	News,	5	1	-	1	Fair,	Post time table,	Complied.
Chelsea Record,	News,	7	-	-	-	Fair,	Post time table,	Complied.
Magoun Leather Co.,	Morocco,	60	-	-	1	Poor,	Guard pin wheels; repair privy; cover set screws; guard opening.	Complied.
Fred Theise,	Baskets,	40	1	-	-	Poor,	Rail stairway; provide privy,	Complied.
L. & B. Street R. R. Co.,	Power,	13	-	-	-	Fair,	Guard gears; guard fly wheel,	Complied.
Austin & Graves,	Crackers,	14	13	-	1	Fair,	Cover set screws; guard gears; one school certificate,	Complied.
S. A. Lovewell & Co.,	Machinery,	38	-	-	-	Fair,	Guard engine; report accident,	Complied.
J. H. Falkins & Co.,	Extracts,	8	1	-	-	Good,	Post time table,	Complied.
L. K. Hustead,	Manufactory and laundry.	9	36	-	-	Good,	Designate closets; post time table; improve means of egress.	Complied.
L. C. Chase Co.,	Rubber tires,	73	35	-	1	Fair,	Guard main belt; guard gears,	Complied.

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Magee Furnace Co.,	Stoves,	275	-	-	-	Poor,	Control power; box in belts; guard fly wheel; provide privy.	Complied.
Thos. Strahn Paper Co.,	Wall paper,	49	1	-	7	Good,	Post list of children,	Complied.
Geo. D. Emery,	Veneers,	103	-	-	-	Fair,	Cover set screws,	Complied.
Bartells & Theehan,	Shoes,	83	67	-	7	Poor,	Guard coupling; provide more closets; guard stitching shafting; cover set screws; provide school certificate; post list of children.	Complied.
C. F. Kelly & Co.,	Shoes,	91	50	-	6	Poor,	Additional closet for women; school certificate; designate closets; guard stitching shafting; report accidents; post list of children; guard skiving machine; guard roller machine.	-
Boynton & Lewis,	Shoes,	15	15	-	1	Good,	One school certificate,	Complied.
Atwood & McManus,	Boxes,	60	-	-	-	Fair,	Cover set screws,	Complied.
Hub Gore Makers,	Goring,	54	12	-	1	Good,	Cover set screws; post time table,	Complied.
Halway Manufacturing Co.,	Boxes,	9	-	-	-	Fair,	Box in belt; rail stairway; cover set screws; provide exhaust fans.	Complied.
Norris & Musick,	Laundry,	2	2	-	-	Fair,	Post time table,	Complied.
Boston Whiting Co.,	Whiting,	10	-	-	-	Fair,	Guard shafting; rail stairway; guard belts,	Complied.
Parsons Manufacturing Co.,	Boxes,	11	-	-	-	Fair,	Provide exhaust fan,	Complied.
Revere Rubber Co.,	Rubber goods,	425	18	-	6	Fair,	Cover set screws; procure two certificates,	Complied.
W. H. Norris & Co.,	Soap,	6	-	-	-	Fair,	Cover six set screws,	Complied.
A. S. Rogers Shoe Co.,	Shoes,	140	130	-	10	Good,	Guard roller machine; post time table; control power; post list of school children.	Complied.
Forbes Lithograph Co.,	Lithographs,	355	157	-	-	Fair,	Box in belts; cover set screws; post time table,	Complied.
Mrs. Snyder,	Clothing,	-	3	-	-	Fair,	Post time table,	Complied.
Revere.								
Boston Fireproofing Co.,	Fire brick,	58	-	-	-	Fair,	Cover set screws,	Complied.
Columbia Litho Co.,	Tonics,	10	-	-	1	Fair,	Procure school certificate,	Complied.

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DISTRICT NO. 4 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston.								
Broderson & Day,	Hats,	14	51	-	-	Good,	Designate closets; post time table,	Complied.
A. Fox & Co.,	Hats,	7	4	-	-	Fair,	Designate closets,	Complied.
C. E. Kennard,	Power,	3	-	-	-	Fair,	Guard gears; cover set-screws,	Complied.
Jas. Higgins,	Machinery,	3	-	-	-	Fair,	Cover set screws,	Complied.
S. Woodbury & Co.,	Printing,	4	1	-	-	Good,	Post time table,	Complied.
A. C. A. Linchbach,	Printing,	4	2	-	-	Fair,	Post time table,	Complied.
C. E. Ney & Co.,	Printing,	5	1	-	-	Fair,	Post time table,	Complied.
Alfred Mudge & Co.,	Printing,	115	60	-	-	Good,	Post time table,	Complied.
Bay State Cut Sole Co.,	Cut soles,	11	-	-	-	Good,	Post time table,	Complied.
The Thompson-Norris Co.,	Paper boxes,	30	45	-	-	Good,	Guard coupling; control power; cover set screws; post time table.	Complied.
Frank Eells & Co.,	Book binding,	12	28	-	1	Good,	Designate closets; procure school certificate; guard fly wheel; guard gears; post time table.	Complied.
J. B. West & Co.,	Buffer wheels,	4	25	-	-	Fair,	Guard belts,	Complied.
W. S. Barnes,	Paper boxes,	12	76	-	2	Poor,	Ventilate closets,	Complied.
Anchor Electric Co.,	Electric supplies,	69	25	-	2	Good,	Guard belts; procure certificate,	Complied.
Geo. H. Ellis,	Printing,	63	69	-	4	Good,	Cover set screws; post list of children; procure certificates.	Complied.
American Type Foundry Co.,	Types,	170	40	-	1	Good,	Procure one certificate; designate closets; cover set screws; post time table.	Complied.

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Household Mailing Co.,	Mailing,	3	8	-	-	Fair,	Post time table,	Complied.
H. W. Upham,	Bookbinding,	3	12	1	-	Fair,	Cover set screws; post time table; send young child home.	Complied.
M. F. Sheehan,	Novelties,	5	3	-	-	Fair,	Post time table,	Complied.
Wm. B. Morrill & Co.,	Metallic fibres,	14	-	-	-	Fair,	Cover set screws; post time table; procure school certificate.	Complied.
U. S. Lighthouse Department,	Repairs,	11	-	-	-	Fair,	Cover set screws,	Complied.
J. J. Arakelyan,	Printing,	13	7	-	-	Fair,	Guard belts; improve ventilation,	Complied.
J. E. Carlton & Co.,	Spring beds,	7	3	-	-	Fair,	Cover set screws,	Complied.
Lathian Wallace,	Paper ruling,	3	8	-	-	Fair,	Post time table,	Complied.
R. S. Jones,	Bookbinding,	15	8	-	1	Fair,	Procure certificate; post time table,	Complied.
The Sparrell Print,	Printing,	15	2	-	-	Good,	Post time table,	Complied.
Continental Waist Co.,	Waists,	-	10	-	-	Good,	Designate closets; post time table,	Complied.
Margott Bros.,	Watch cases,	4	1	-	-	Good,	Cover set screws,	Complied.
M. Oberham,	Grinding,	3	-	-	-	Fair,	Cover set screws,	Complied.
Conant & Newall,	Printing,	8	-	-	-	Fair,	Post time table,	Complied.
Wm. H. Keeden,	Electrotypes,	8	-	-	-	Fair,	Post time table,	Complied.
Thos. J. Russell,	Printing,	3	-	-	-	Fair,	Post time table,	Complied.
D. J. Hollaway & Co.,	Bookbinding,	3	2	-	-	Fair,	Post time table,	Complied.
Frank M. Porter & Co.,	Printing,	32	6	-	1	Good,	Procure certificate; post time table,	Complied.
Oxford Press,	Printing,	12	2	-	-	Good,	Post time table,	Complied.
Tympaling Co.,	Printing,	4	2	-	-	Good,	Post time table,	Complied.
Jas. A. Herne & Co.,	Bookbinding,	20	30	-	-	Good,	Designate closets; guard coupling; post time table; light stairway.	Complied.
E. Adams & Co.,	Bookbinding,	20	25	-	-	Good,	Cover set screws; post time table,	Complied.

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DISTRICT NO. 4 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
The Boston Ferrule Co.,	Ferrules,	3	7	-	-	Good,	Post time table,	Complied.
Union Manufacturing Co.,	Overalls,	10	20	-	1	Good,	Guard stitching shafting; procure school certificate; post time table.	Complied.
John Kurmer,	Embossing,	2	-	-	-	Fair,	Guard gears,	Complied.
N. E. Newspaper Union,	Printing,	29	7	-	-	Fair,	Cover set screws,	Complied.
Chas. S. Binner Co.,	Manifold books,	32	13	-	-	Good,	Guard coupling; designate closets; cover set screws; post time table.	Complied.
A. N. Alexander,	Caps,	3	4	-	-	Good,	Designate closets; post time table,	Complied.
Alexander & Kloport,	Caps,	3	10	-	-	Good,	Designate closets; post time table,	Complied.
Jameson & Co.,	Hats,	20	58	-	-	Good,	Pay weekly,	Complied.
Boston Carpet Slipper Co.,	Slippers,	30	18	-	-	Fair,	Designate closets; guard roller machine,	Complied.
Edison Electric & Illuminating Co.,	Repairs,	12	-	-	-	Good,	Cover set screws,	Complied.
Edison Electric & Illuminating Co.,	Meters,	11	2	-	-	Good,	Post time table,	Complied.
Library Bureau (Department C),	Printing,	22	11	-	-	Good,	Cover set screws; post time table,	Complied.
Library Bureau (Department A),	Printing,	8	28	-	-	Good,	Post time table,	Complied.
A. E. Mantel & Co.,	Manifold books,	9	6	-	-	Good,	Post time table,	Complied.
Ideal Shirt Waist Co.,	Shirt waists,	1	9	-	-	Good,	Post time table,	Complied.
Bureau of Credits,	Reports,	5	2	-	1	Good,	Procure certificate,	Complied.

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Excelsior Umbrella Co.,	Umbrellas,	12	30	-	1	Good,	Procure certificate; post time table,	-
Ora D. Shaw,	Caps,	10	15	-	-	Poor,	Ventilate closets; remove waste from stairway,	Complied.
O. K. Lufkin,	Printing,	10	2	-	2	Fair,	Cover set screws; post time table; procure two certificates.	Complied.
The Bailey Printing Co.,	Printing,	15	-	-	2	Fair,	Cover set screws; procure two certificates,	Complied.
Charles L. Ireson,	Belting,	9	2	-	-	Fair,	Designate closets; guard opening,	Complied.
K. J. Quinn,	Blacking,	4	2	-	-	Good,	Post time table,	Complied.
J. G. McCarter,	Shoe trimmings,	7	9	-	1	Fair,	Procure certificate; cover set screws,	Complied.
The Home Monthly,	News,	7	5	-	1	Fair,	Designate closet; one school certificate; post time table.	Complied.
E. Fleming & Co.,	Bookbinding,	54	66	-	-	Good,	Cover set screws,	Complied.
McDonald & Son,	Bookbinding,	32	30	-	-	Fair,	Cover set screws,	Complied.
Geo. C. Scott & Son,	Electrotyping,	35	-	-	-	Fair,	Cover set screws,	Complied.
Dana Eustis estate,	Power,	6	-	-	-	Fair,	Guard fly wheel; guard main belt,	Complied.
Avery L. Rand,	Bookbinding,	27	13	-	-	Good,	Cover set screws,	Complied.
Fish Printing Co.,	Printing,	24	7	-	-	Fair,	Cover four set screws,	Complied.
Couch & Seeley,	Telephones,	12	1	-	-	Good,	Post time table,	Complied.
J. C. Buzzell & Co.,	Machinery,	6	-	-	-	Fair,	One certificate; post time table,	Complied.
Blunt & Lovell,	Machinery,	10	-	-	-	Fair,	Rail engine,	-
James W. Damrell,	Power,	4	-	-	-	Fair,	Guard fly wheel,	Complied.
F. H. Stevens & Co.,	Machinery,	10	-	-	1	Fair,	Cover set screws; procure certificate; post time table,	Complied.
Daniel Gunn & Co.,	Printing,	12	-	-	-	Fair,	Post time table,	Complied.
J. L. Harnott & Co.,	School supplies,	13	4	-	-	Good,	Designate closets,	Complied.
S. K. Abbott & Co.,	Bookbinding,	15	120	-	-	Fair,	Provide additional closet; post time table,	Complied.

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DISTRICT NO. 4 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Sears Estate,	Power,	5	-	-	-	Fair,	Cover set screws,	-
Credit Clearing Co.,	News,	2	4	-	1	Good,	Procure certificate,	Complied.
A. J. Morse & Co.,	Fire supplies,	10	-	-	-	Fair,	Cover set screws,	Complied.
Walker, Young & Co.,	Printing,	20	-	-	-	Fair,	Post time table,	Complied.
Boston Counter Co.,	Shoe stock,	144	1	-	1	Good,	One school certificate,	Complied.
Geo. W. Gould, Jr., Agent,	Paper ruler,	3	1	-	-	Good,	Post time table,	Complied.
Geo. A. Hennberry,	Printing,	7	2	-	-	Fair,	Post time table,	Complied.
Hersey, Damon & Sprague,	Slippers,	31	17	-	1	Good,	One school certificate; designate closets,	Complied.
N. E. Towel Supply Co.,	Towels,	1	8	-	-	Good,	Post time table,	Complied.
Boston Feather Duster Co.,	Dusters,	5	25	-	-	Fair,	Designate closets; post time table,	Complied.
J. N. Allen & Berry,	Printing,	14	1	-	-	Fair,	Cover set screws,	Complied.
J. W. Putnam & Son,	Printing,	3	-	-	1	Fair,	One certificate,	Complied.
Standard Publishing Co.,	Printing,	10	5	-	1	Good,	Procure certificate,	Complied.
N. F. Conner,	Paper ruling,	8	4	-	1	Fair,	Procure certificate,	Complied.
Erickson Electric Co.,	Electric supplies,	5	-	-	-	Good,	Cover set screws; control power; post time table,	Complied.
J. L. Mackintosh & Co.,	Bookbinding,	5	11	-	-	Good,	Control power,	Complied.

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Clifton Manufacturing Co.,	Mackintoshes,	8	21	-	-	Good,	Designate closets; improve means of exit,	Complied.
J. F. Whalan & Co.,	Printing,	5	4	-	-	Good,	Post time table,	Complied.
M. W. Bush,	Clothing,	26	9	-	-	Good,	Post time table,	Complied.
Norman & Bennett,	Shoes,	51	25	-	1	Fair,	Procure school certificate,	Complied.
S. J. Parkhill & Co.,	Printing,	25	20	-	1	Fair,	Procure one certificate,	Complied.
H. M. Plympton,	Bookbinding,	15	15	-	-	Good,	Post time table,	Complied.
C. H. Hentzelman,	Printing,	50	15	-	-	Good,	Post time table,	Complied.
Seth W. Fowle & Co.,	Medicine,	2	3	-	1	Fair,	Procure one certificate; post time table,	Complied.
W. S. Best,	Printing,	25	5	-	-	Good,	Post time table; designate closets,	Complied.
Winthrop M. Baker,	Chocolates,	12	100	-	15	Good,	Procure eight school certificates; post list of children,	Complied.
Rand & Avery Supply Co.,	Printing,	144	35	-	4	Good,	Designate closets; cover set screws; four school certificates.	Complied.
Boston District Messenger Co.,	Messages,	175	-	-	-	Fair,	Pay weekly,	Complied.
National District Messenger Co.,	Messages,	225	-	-	-	Fair,	Pay weekly,	Complied.
Mills, Knight & Co.,	Printing and binding,	49	35	-	-	Good,	Cover set screws; guard machines; designate closets,	Complied.
Elite Glove Co.,	Gloves,	4	10	-	3	Poor,	Guard stitching shafting; post time table; provide additional closet; three school certificates.	Complied.
H. G. Hyde,	Power,	3	-	-	-	Poor,	Provide closet,	Complied.
Geo. E. Brown,	Shoe repairing,	25	2	-	4	Good,	Procure certificate; designate closets; post list of children.	Complied.
Thos. J. M. Smith,	Printing,	24	6	-	-	Fair,	Post time table,	Complied.
Empire Distilling Co.,	Rectifying,	15	-	-	-	Good,	Guard opening,	Complied.
Ginn & Co.,	Power,	3	-	-	-	Fair,	Guard fly wheel,	Complied.
Bay State Electrotype Foundry Co.,	Electrotypes,	20	-	-	-	Fair,	Guard fly wheel,	Complied.
Am. Printing & Engraving Co.,	Printing,	27	8	-	1	Good,	Procure certificate,	Complied.

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DISTRICT NO. 4 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Robert Berlin,	Bookbinding,	30	50	-	1	Good,	Designate closets,	Complied.
Boston Engraving Co.,	Engraving,	55	-	-	1	Fair,	Cover set screws; one school certificate,	Complied.
Suffolk Engraving Co.,	Engraving,	70	-	-	-	Good,	Cover set screws; post time table,	Complied.
American Mica Co.,	Mica,	4	15	-	-	Fair,	Post time table,	Complied.
Isaac Klous & Co.,	Rags,	9	3	-	-	Fair,	Designate closets; post time table,	Complied.
Lounsbery, Nichols & Worth,	Printing,	20	10	-	-	Good,	Cover set screws; designate closets; post time table,	Complied.
E. L. Grimes & Co.,	Printing,	2	2	-	-	Good,	Post time table,	Complied.
Mills estate,	Power,	3	-	-	-	Fair,	Guard crank of engine; guard gears,	-
Sudbury Manufacturing Co.,	Shirt waists,	2	20	-	-	Fair,	Post time table,	Complied.

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DISTRICT No. 5, ... LEWIS F. F. ABBOTT, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Athol.								
Diamond Match Co.,	Match blocks,	129	8	-	4	Good,	Procure school certificate; post list of children,	Complied.
C. M. Lee's Sons,	Shoes,	225	175	-	5	Good,	Post list of children,	Complied.
White & Raymond,	Sash and doors,	48	-	-	2	Good,	Procure school certificate,	Complied.
Barre.								
Barre Shoe Co.,	Shoes,	46	24	-	-	Good,	Post time table; designate water-closet,	Complied.
Brookfield.								
E. G. Gibson,	Shoddy,	10	-	-	2	Good,	Procure school certificate,	Complied.
Winfield Scott,	Satinets,	45	30	-	-	Good,	Comply with sect. 11, chap. 508, Acts of 1894,	Complied.
C. H. Moulton,	Boots and shoes,	246	86	-	14	Good,	Post time table and list of children,	Complied.
John Clancey,	Boots and shoes,	88	12	-	-	Good,	Post time tables,	Complied.
Clinton.								
Bigelow Carpet Co.,	Yarn,	146	198	-	5	Good,	Post list of children,	Complied.
Bigelow Carpet Co.,	Carpets,	235	365	-	21	Good,	Post list of children,	Complied.

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DISTRICT NO. 5 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Clinton — Con.								
Clinton Worsted Co.,	Worsted goods,	123	72	-	1	Good,	Post time tables,	Complied.
Lancaster mills,	Ginghams,	975	895	-	101	Good,	Post list of children,	Complied.
Gardner.								
Heywood Bros. & Wakefield Co.,	Rattan goods,	1,055	285	-	31	Good,	Post list of children,	Complied.
L. B. Ramsdell,	Toys,	80	6	-	-	Good,	Comply with sect. 8, chap. 481, Acts of 1894,	Complied.
Fitchburg.								
Orswell Mills,	Cotton yarn,	75	200	-	48	Good,	Post list of children,	Complied.
Star Worsted Co.,	Wool yarn,	55	95	-	14	Good,	Post list of children,	Complied.
American Woolen Co.,	Woollen goods,	265	195	-	25	Good,	Post list of children,	Complied.
Johnson Arms & Bicycle Co.,	Bicycles and firearms,	400	-	-	7	Good,	Post list of children,	Complied.
Crocker, Burbank & Co.,	Paper,	180	66	-	5	Good,	Post list of children and procure school certificates,	Complied.
Grafton.								
Grafton Flax Mills,	Thread,	95	215	-	33	Good,	Post list of children,	Complied.

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Leicester.								
C. W. Warren & Son,	Heels,	18	22	-	2	Good,	Provide new cable to elevator,	Complied.
Valley Woolen Mill,	Dress goods,	55	38	-	-	Good,	Comply with sect. 8, chap. 481, Act of 1894.	Complied.
Leominster.								
Paton Manufacturing Co.,	Horn goods,	93	9	-	5	Good,	Post list of children and time table,	Complied.
Bay State Comb Co.,	Horn goods,	11	2	-	-	Good,	Post time table,	Complied.
Whitney Reed Chair Co.,	Chairs and toys,	160	30	-	13	Good,	Post time table,	Complied.
Leominster Worsted Co.,	Worsted goods,	86	39	-	6	Good,	Post list of children,	Complied.
B. F. Blodgett & Co,	Horn goods,	48	7	-	4	Good,	Post list of children,	Complied.
Leominster Manufacturing Co.,	Horn goods,	27	3	-	-	Good,	Post time table,	Complied.
W. S. Reed Co.,	Horn goods,	45	15	-	2	Good,	Post time table,	Complied.
Star Button Co.,	Buttons,	15	6	-	-	Good,	Post time table,	Complied.
Millbury.								
Bowden Felt Co,	Felt goods,	35	-	-	2	Good,	Post time table and procure school certificate,	Complied.
Millbury Linen Co.,	Crash,	9	11	-	-	Good,	Post time table,	Complied.
Sturbridge.								
Fiskdale Cotton Mills,	Print cloth,	162	163	-	44	Good,	Comply with sect. 11, chap. 508, Acts of 1894,	Complied.
Southbridge.								
American Optical Co.,	Spectacles and eye-glasses.	845	215	-	25	Good,	Post list of children,	Complied.

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DISTRICT NO. 5 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Spencer.								
H. S. Green,	Underwear,	7	58	-	-	Good,	Poor egress; reported to Mr. Dyson,	-
Templeton.								
N. E. Box Co.,	Boxes,	62	16	-	2	Good,	Procure school certificate,	Complied.
West Brookfield.								
Olmsted-Quabog Corset Co.,	Corsets,	11	84	-	4	Good,	Post list of children,	Complied.
Warren.								
Warren Cotton Mills, Nos. 1 & 2,	Fancy cotton,	169	200	-	16	Good,	Post list of children,	Complied.
Westborough.								
Westborough Underwear Co.,	White underwear,	4	44	-	-	-	Post time table,	Complied.
Winchendon.								
M. E. Converse & Co.,	Chairs and toys,	90	35	-	13	Good,	Post list of children,	Complied.
E. Murdock & Co.,	Tubs and pails,	85	2	-	1	Good,	Guard fly wheel and crank,	Complied.
Mason & Parker,	Tools and toys,	71	14	-	10	Good,	Post list of children,	Complied.

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Worcester.									
A. E. Haddad,	Wrappers,	8	9	-	-	Good,	Designate water-closet; post time table,	Complied.
Worcester Textile Co.,	Towels,	25	50	-	-	Good,	Stop girls working during noon hour,	Complied.
Worcester Carpet Co.,	Carpets,	120	145	-	39	Good,	Post list of children,	Complied.
A. Israel,	Underwear,	3	24	-	-	Good,	Post time table,	Complied.
Modern Wrapper Co.,	Wrappers,	4	26	-	-	Good,	Post time table,	Complied.
Parisian Wrapper Co.,	Wrappers,	15	110	-	-	Good,	Post time table,	Complied.
Rice & Hutchins,	Shoes,	172	48	-	3	Good,	Remove obstructions from back stairs,	Complied.
Baldwin Chain Co.,	Bicycle chains,	55	12	-	2	Good,	Procure school certificate,	Complied.
A. T. Richardson,	Laundry,	2	3	-	-	Good,	Designate water-closet; post time table,	Complied.
Union Water Meter Co.,	Meters,	65	-	-	-	Good,	Designate water-closets,	Complied.
W. T. Carroll,	Mill supplies,	7	2	-	-	Good,	Post time table,	Complied.
I. Wilson,	Clothing,	10	6	-	-	Good,	Post time table,	Complied.
E. F. Fletcher,	Shoes and heels,	11	49	-	2	Good,	Repair elevator,	Complied.
Worcester Envelope Co.,	Envelopes,	23	42	-	2	Good,	Poor egress; reported to Mr. Dyson,	-
E. N. Dean,	Heels,	20	105	-	11	Good,	Poor egress; reported to Mr. Dyson,	-
F. S. Blanchard,	Printing,	29	6	-	-	Good,	Keep doors unlocked,	Complied.
J. R. Scott,	Satinets,	32	14	-	-	Good,	Post time table,	Complied.
C. D. B. Biscuit Co.,	Crackers,	50	7	-	-	Poor,	Provide sanitaries for women,	Late order.
Edwin Whitney,	Paper boxes,	4	14	-	-	Good,	Post time table,	Complied.
Geo. A. Coburn,	Laundry,	5	21	-	-	Good,	Post time table,	Complied.

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DISTRICT NO. 5 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	NUMBER EMPLOYED.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Worcester — Con.								
D. Cummings & Co.,	Shoes,	95	32	-	-	Good,	Keep elevator gates closed,	Complied.
Norton Emery Wheel Co.,	Emery wheels,	150	4	-	-	Good,	Post time table,	Complied.
Morgan Spring Co.,	Springs,	125	-	-	4	Good,	Change time table,	Complied.
American Steel and Wire Co.,	Cables and springs,	1,943	127	-	11	Good,	Guard belts,	Complied.

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Summary.

Factories inspected,	308
Factories found closed,	16
Supplementary inspections and investigations,	93
Buildings inspected,	116
Total inspections,	533
Elevators inspected,	167
Orders issued,	99
Poor egress reported to Mr. Dyson,	6
Number of children employed,	1,414
Number of females over sixteen years,	14,643
Number of males over sixteen years,	28,245
Total number of employees,	44,302

REPORT OF INSPECTOR TIERNEY.

I have the honor herewith to submit the following report regarding the law intrusted to me to enforce in District No. 6, which comprises Bristol, Barnstable, Dukes and Nantucket counties. Chapter 494, Acts of the year 1898, relating to the employment of children under sixteen years of age in factories, workshops and mercantile establishments, I am pleased to report is generally complied with in a very satisfactory manner in this district. I have found very few cases during the past year where this law has been violated, and in no case where I considered it a wilful violation, but more through the result of carelessness or negligence on the part of the overseer or person in charge of the room where the children were employed. When the inspector called the employer's attention to the fact that some children were employed in the factory without certificates, such certificates were procured immediately.

Also there has been much time devoted to the enforcement of the law in regard to the employment of minors, fourteen years of age or over, who cannot read or write in the English language. This is proving itself, in my judgment, to be a great benefit, not only to the persons in whose behalf the law was enacted, but to the employers as well, as it enables the employees to become more proficient in the discharge of their respective duties, thereby becoming more valuable to their employer. This law is complied with very satisfactorily in the cities where evening schools are maintained, with excellent results. The superintendents of schools generally report an increased attendance this year over last, and an apparent desire on the part of the pupils to learn.

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In regard to locking of doors during working hours, there are some factories whose location makes it necessary to have some means of keeping applicants for work and strangers from interrupting and bothering the help. In a few such cases I have found spring locks, which could be readily opened from the inside, but prevented admission from the outside.

In the matter of sanitation in the factories and workshops, I would say that many in my district were built many years ago, and without much regard to their sanitary arrangements, especially in the matter of ventilation; but now there is a big progress being made in this direction, and it would be difficult to find in my district a factory where separate water-closets, plainly marked, for each sex are not provided.

As to the safety of elevators, I would say that most of them seem to be in good condition, and there seems to be a growing inclination among manufacturers to provide some one whose sole duty it is to attend to the running of the elevator, which is a move in the right direction. The factories in this district are well supplied with means of egress, and the proprietors seem anxious to show the inspector what they have done in that direction.

Courteous treatment has always been accorded the inspector, and a desire manifested on the part of the employer and employees to assist him in his labors. Local truant officers also render valuable assistance in many ways.

Number of Inspections made in Each City and Town.

Fall River,	250	Norton,	2
New Bedford,	100	Mansfield,	15
Taunton,	30	Freetown,	4
Attleborough,	70	Sandwich,	4
North Attleborough,	50	Orleans,	2
Attleborough Falls,	15	Provincetown,	4
South Attleborough,	5	Chartly,	8
Adamsdale,	2	Fairhaven,	7
North Dighton,	4	Westport,	5
Raynham,	2	Swansea,	2
South Easton,	4		
North Easton,	5		588

Summary.

Number of inspections made,	588
Number of orders issued,	368
Number of orders complied with,	368
Number of children between fourteen and sixteen,	3,500
Number of males employed,	37,000
Number of females employed,	30,000

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DISTRICT No. 6, ... JOHN F. TIERNEY, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Fall River.								
Massasoit Manufacturing Co., . .	Cotton batting, . .	110	90	-	10	Good, .	Cover up gears; post time notice; repair safety device on elevator and file school certificates.	Complied.
Pocasset Manufacturing Co., . .	Twills, sateens and odd counts.	370	365	-	45	Good, .	Repair safety device on elevator; post time notice and file school certificates.	Complied.
Hargraves Mill, No. 1, . . .	Cotton goods to order, .	225	250	-	27	Good, .	Guard gears; remove set screws; file school certificates and communication to engineer's room.	Complied.
Hargraves Mill, Nos. 2 and 3, . .	Cotton goods to order, .	260	300	-	55	Good, .	Clean and whitewash water-closets; communication to engineer's room; file school certificates and box up gears.	Complied.
Parker Mills, ...	Cotton goods to order, .	225	200	-	22	Good, .	Clean and whitewash water-closets; communication to engineer's room; box up gears and file school certificates.	Complied.
Fall River Bleachery, ...	Bleaching cotton cloth, .	230	55	-	15	Good, .	Communication to engineer's room; box up pulleys and gears and file school certificates.	Complied.
American Printing Co., . . .	Printing calicos, . .	590	91	-	45	Good, .	Communication to engineer's room and box up gears, .	Complied.
American Linen Co , ...	Print cloths, . . .	500	500	-	38	Good, .	Communication to engineer's room; box up pulleys and gears and file school certificates.	Will comply.
Shove Mills, ...	Print cloths and odd counts.	423	350	-	35	Good, .	Repair hatches and safety device on elevator; whitewash water-closets and file school certificates.	Complied.
Laurel Lake Mills, ...	Print cloths and wide goods.	256	261	-	47	Good, .	Communication to engineer's room and keep outside doors unlocked.	Partly complied.
Cornell Mills, ...	Print cloths and odd counts.	224	201	-	26	Good, .	Communication to engineer's room; remove set screws and whitewash and clean water-closets.	Complied.
Troy, C. & W., Manufacturing Co., .	Cotton goods to order, .	206	206	-	26	Good, .	Guard machinery, doors and fans; box up pulleys and clean and whitewash water-closets.	Complied.
Wampanoag Mills, ...	Print cloths and fine goods.	400	375	-	55	Good, .	Whitewash water-closets; file school certificates and repair safety device on elevator.	Complied.
Sagamore Manufacturing Co., . .	Print cloths, . . .	350	450	-	41	Good, .	Communication to engineer's room; post list of minors and file school certificates.	Complied.

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DISTRICT NO. 6 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Fall River — Con.								
Weetamoe Mills,	Print cloths and odd counts	225	170	-	22	Good,	Keep outside doors unlocked; guard fans and file school certificates.	Complied.
Mechanics Mills,	Print cloths and odd counts.	250	350	-	39	Good,	Communication to engineer's room; remove set screws and keep outside doors unlocked.	Complied.
Merchants M'f'g Co., Mill No. 3,	Print cloths,	175	150	-	26	Good,	Communication to engineer's room; guard crank on engines and repair safety device on elevator.	Partly complied.
Merchants M'f'g Co., Mills 1 and 2,	Print cloths,	300	600	-	59	Good,	Communication to engineer's room; keep outside doors unlocked and repair safety device on elevator.	Partly complied.
Durfee Mills,	Print cloths and odd counts.	445	670	-	83	Good,	Communication to engineer's room; remove set screws; clean and whitewash water-closets; and repair safety device on elevator.	Complied.
Sanford Spinning Co.,	Fine cotton yarns,	375	200	-	18	Good,	New rope on elevator,	Complied.
Globe Yarn Mills,	Fine cotton yarns,	400	600	-	90	Good,	New water-closets; guard doors on cards and remove set screws.	Complied.
Slade Mills,	Print cloths,	275	175	-	33	Bad,	Remove set screws; cover up gears and file school certificates.	Complied.
Stafford Mills,	Print cloths and odd counts.	776	372	-	46	Good,	Clean and repair water-closets,	Complied.
Richard Borden Manufacturing Co.,	Print cloths, wide goods and fancies.	400	400	-	65	Good,	Remove set screws and file school certificates,	Complied.
Davol Mills,	Sheetings and fancies,	200	275	-	27	Good,	Guard striper doors,	Complied.
Chace Mills,	Print cloth, twills and wide goods.	275	375	-	48	Good,	Guard gears; repair safety device on elevator,	Complied.
Granite Mills,	Cotton goods to order,	565	49	-	62	Good,	Communication to engineer's room; keep outside doors unlocked.	Complied.
Union Cotton Manufacturing Co.,	Print cloth and wide goods.	441	469	-	68	Good,	Communication to engineer's room; keep outside doors unlocked; guard crank on engines; remove set screws; post time notice.	Partly complied.
Tecumseh Mills,	Wide goods and odds,	300	300	-	40	Good,	Communication to engineer's room; put railing around opening in floor.	Complied.

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Fall River Iron Works Mills,	Print cloths,	1,076	1,292	-	142	Good,	Box up pulleys and gears; keep outside doors unlocked,	Complied.
King Philip Mills,	Fancy goods and lawns.	563	515	-	85	Good,	Repair safety device on elevator,	Complied.
Border City Mills,	Specialties,	549	445	-	85	Bad,	Communication to engineer's room; put in new water-closets.	Partly complied.
Barnaby Manufacturing Co.,	Fine colored goods,	238	224	-	35	Good,	Repair safety device on elevator,	Complied.
Metacomet Manufacturing Co.,	Print cloths,	160	131	-	16	Good,	File school certificates; keep outside doors unlocked,	Complied.
Seaconnet Mills,	Print cloths and odd counts.	250	400	-	55	Bad,	Put in new water-closets; file school certificate; guard gears.	Complied.
Fall River Manufactory,	Cotton goods to order,	150	175	-	32	Good,	Seats for women; clean and whitewash water-closets,	Complied.
Osborn Mills,	Prints and fine goods,	405	341	-	51	Good,	Communication to engineer's room; repair safety device on elevator.	Complied.
Stevens Manufacturing Co.,	Bed spreads,	116	90	-	21	Good,	Designate water-closets,	Complied.
Barnard Manufacturing Co.,	Specialties,	210	300	-	59	Good,	Remove set screws; file school certificates,	Complied.
Canonicut Mills,	Wide and fine goods,	85	90	-	20	Good,	Guard set screws; file school certificates,	Complied.
Fall River Steam Laundry,	Steam laundry,	22	54	-	7	Good,	Repair safety device on elevator; file school certificates,	Complied.
Narragansett Mills,	Cotton jeans and sateens.	240	300	-	45	Good,	Repair safety device on elevator; file school certificates,	Complied.
Flint Mills,	Cotton goods to order,	265	265	-	45	Bad,	Put in new water-closets,	Complied.
Kerr Thread Mills,	Fine yarns and threads,	375	390	-	81	Good,	Repair and whitewash water-closets,	Complied.
Algonquin Printing Co.,	Printing calicos,	149	27	-	11	Good,	Guard gears,	Complied.
Pocasset Hat Factory,	Felt hats,	60	35	-	8	Good,	Repair safety device on elevator; file school certificates,	Complied.
Union Belt Co.,	Belting,	37	5	-	-	Good,	Repair safety device on elevator,	Complied.
J. H. Williams Manufacturing Co.,	Loom harness,	8	8	-	-	Good,	Cover up gears; post time notice,	Complied.
Robert D. Douglass,	Paper cop-tubes,	4	5	-	4	Good,	Post time notice; cover up gears,	Complied.
Davis & McLane,	Top roll coverers,	21	6	-	-	Good,	Post time notice,	Complied.
Webster Loom Harness Co.,	Loom harness,	16	40	-	8	Good,	Post time notice; cover up gears,	Complied.

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DISTRICT NO. 6 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Fall River — Con.								
J. H. Estis & Son,	Cotton twines,	134	101	-	20	Good,	Repair safety device on elevator; cover up gears,	Complied.
D. M. Anthoney,	Wholesale provisions,	39	2	-	-	Good,	New automatic gates on elevator; repair safety device on elevator.	Complied.
Marshall's Hat Factory,	Felt hats,	497	285	-	16	Good,	File school certificates,	Complied.
The Kelley Shoe Co.,	Men's shoes,	77	13	-	21	Good,	File school certificates,	Complied.
Old Colony Brewing Co.,	Ales and porter,	45	-	-	-	Good,	Repair gates on elevator,	Complied.
La Independent Publishing Co.,	Newspaper and job printing.	17	-	-	2	Good,	Railing on stairways,	Complied.
Hill & Luther,	Top roll coverers,	6	2	-	1	Good,	Automatic trap-doors on openings of elevator well,	Complied.
Wm. Hyland & Son,	Spring beds,	14	8	-	-	Good,	Post time notice; guard pulleys and belts; designate water-closets; automatic gates on opening of elevator well.	Complied.
Small Bros.,	Cotton twines and bandings.	52	13	-	7	Good,	Remove set screws; designate water-closets,	Complied.
Maple Street Laundry,	Steam laundry,	6	24	-	1	Good,	Guard gears,	Complied.
G. Fred Thomas,	Cigars,	8	-	-	2	Good,	Post time notice; file school certificates,	Complied.
Jesse Eddy Mfg. Co.,	Woollen cloth,	89	31	-	8	Good,	Cover up gears,	Complied.
Lewis Bros.,	Cotton waste,	5	10	-	-	Good,	Post time notice,	Complied.
M. Heywood & Co,	Cotton rope and banding.	5	37	-	10	Good,	Post time notice; designate water-closets; file school certificates.	Complied.
George Cummings & Son,	Top roll coverer,	6	2	-	-	Good,	Post time notice,	Complied.
Star Laundry,	Steam laundry,	10	19	-	-	Good,	Post time notice; box up gears,	Complied.

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P. H. Maynard's Laundry,	Steam laundry,	9	11	-	-	Good,	Post time notice; box up pulleys,	Complied.
Robeson Mills,	Print cloths,	71	175	-	10	Good,	Cover up gears; put in seats for women,	Complied.
Fall River Gas Works Co.,	Gas,	70	-	-	-	Good,	Automatic trap-doors in openings of elevator well,	Complied.
New Bedford.								
Bristol Manufacturing Corporation,	Fancy goods,	290	300	-	34	Good,	File school certificates; box up pulleys and put fans in card room windows.	Complied.
Whitman Mills,	Fancy cotton goods,	370	326	-	49	Good,	File school certificates and box up pulleys,	Complied.
Wamsutta Mills,	Cotton goods and yarns,	1,243	995	-	140	Good,	Cover up gears; box up mule heads and new rope on elevator.	Complied.
Dartmouth M'f'g Corporation,	Fine cotton goods,	270	230	-	26	Good,	Remove set screws,	Complied.
Acushnet M'f'g Corporation,	Fine cotton goods,	758	444	-	55	Good,	Repair water-closets; put new rope on elevator; cover up gears; repair safety device on elevator and keep outside doors unlocked.	Complied.
Hathaway M'f'g Corporation,	Fine cotton goods,	550	403	-	40	Good,	Communication to engineer's room and repair safety device on elevator.	Complied.
Potomska Mills,	Fine cotton goods,	674	404	-	70	Good,	Guard pulleys,	Complied.
Pierce Manufacturing Corporation,	Fine cotton goods,	285	300	-	30	Good,	Post time notice and file school certificates,	Complied.
Grinnell M'f'g Corporation,	Fine cotton goods,	500	350	-	51	Good,	Clean and whitewash water-closets and file school certificates.	Complied.
Bennett Spinning Co.,	Fine cotton yarns,	656	511	-	60	Good,	Communication to engineer's room and guard stayer doors on cards.	Complied.
Howland Mills,	Fine cotton yarns,	325	325	-	53	Good,	Guard fans in windows,	Complied.
Rotch Spinning Co.,	Fine cotton yarns,	250	100	-	25	Good,	Guard fans in windows and keep outside doors unlocked,	Complied.
City Manufacturing Corporation,	Fine cotton yarns,	545	291	-	40	Good,	Put new ropes on elevator and guard fans in windows,	Complied.
Beacon Manufacturing Co.,	Twines,	25	10	-	3	Good,	Post time notice and box up pulleys,	Complied.
New Bedford Spinning Co.,	Fine cotton yarns,	150	166	-	36	Good,	Repair safety device on elevator,	Complied.
Oneko Woolen Mills,	Fine woollen fabrics,	60	36	-	2	Good,	Post names of minors and file school certificates,	Complied.
Connell Stocking Corporation,	Men's stockings,	5	15	-	5	Good,	Post time notice; repair safety device on elevator and file school certificates.	Complied.

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DISTRICT NO. 6 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
New Bedford — Con.								
Hedge, Lewis Manufacturing Co.,	Shoe buttons,	12	12	-	3	Good,	Post time notice; put new rope on elevator and guard crank on engine.	Complied.
New Bedford Steam Laundry,	Steam laundry,	2	14	-	-	Good,	Post time notice and designate water-closets,	Complied.
Morris Twist Drill Co.,	Twist drills,	368	32	-	1	Good,	Designate water-closets,	Complied.
National Biscuit Co.,	Fancy crackers,	48	21	-	-	Good,	Repair elevator gates and cover up gears,	Complied.
National Cordage Co.,	Hemp rope,	192	39	-	2	Good,	Communication to engineer's room; remove set screws and clean water-closets.	Complied.
Hathaway, Soule & Harrington,	Boots and shoes,	160	106	-	7	Good,	Post time notice and file school certificates,	Complied.
Standard Ring Traveler Co.,	Spinning and twisting travellers	9	2	-	-	Good,	Post time notice,	Complied.
W. S. Hill Electric Co.,	Switch boards,	29	1	-	-	Good,	Box up pulleys; put automatic gates on elevator,	Complied.
J. H. Lawrence,	Top roll coverer,	9	2	-	-	Good,	Post time notice,	Complied.
Pairpoint Manufacturing Co.,	Silver and glassware,	242	150	-	16	Good,	Post time notice,	Complied.
City Steam Laundry,	Steam laundry,	6	12	-	1	Good,	Post time notice; file school certificates,	Complied.
Wm. R. West,	Top roll coverer,	16	6	-	-	Good,	Post time notice,	Complied.
C. F. Wing,	House furnishings,	9	9	-	3	Good,	Designate water-closets; file school certificates,	Complied.
Provincetown.								
L. Pickit Fish Co.,	Corned fish,	25	25	-	3	Good,	Post time notice; file school certificates,	Complied.

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Sandwich.								
Union Braiding Co.,	Silk braids,	12	15	-	3	Good,	File school certificates,	Complied.
A. F. Johnson & Co.,	Glass decorating,	5	7	-	-	Good,	Post time notice,	Complied.
Assonet.								
Crystal Spring Bleachery,	Bleaching cotton cloth,	47	5	-	3	Good,	Post time notice; box up pulleys,	Complied.
Acushnet.								
Lamoeth Rope Corporation,	Cotton rope,	20	-	-	3	-	Post time notice; cover up gears,	Complied.
Mansfield.								
Cobb, Evans & Cobb,	Jewelry,	51	25	-	-	Good,	Post time notice,	Complied.
Comey & Co.,	Straw and felt hats,	100	200	-	3	Good,	Post time notice; designate water closets,	Complied.
S. W. Card Manufacturing Co.,	Taps and dies,	64	1	-	2	Good,	File school certificates,	Complied.
Taunton.								
Westvill Mills,	Cotton yarns,	46	34	-	2	Good,	Put automatic gates on elevator well; cover up gears; repair safety device on elevator.	Complied.
Oakland Mills,	Bed ticking,	58	58	-	6	Good,	New gear on elevator drum,	Complied.
Cohannet Mills,	Fine cotton yarns,	320	237	-	58	Good,	Post time notice; box up mule heads,	Complied.
Whittenton Manufacturing Co.,	Colored cotton goods,	823	628	-	65	Good,	Communication to engineer's room; file school certificates; put automatic gates on elevator well.	Partly complied.
Elizabeth Pool Mills,	Cotton flannels,	57	170	-	16	Good,	Communication to engineer's room,	Complied.
Cannoe River Mills,	Cotton yarns,	42	77	-	13	Good,	Post names of minors,	Complied.
Corr Manufacturing Co.,	Fancy cotton goods,	270	150	-	16	Good,	Communication to engineer's room; post time notice,	Complied.
Taunton Pearl Works,	Pearl goods,	20	20	-	-	Good,	Post time notice,	Complied.

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DISTRICT NO. 6 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	NUMBER EMPLOYED.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Taunton — Con.								
Reed & Barton,	Silverware,	378	65	-	-	Good,	Communication to engineer's room,	Complied.
Atlas Tack Co.,	Nails and tacks,	214	67	-	8	Good,	Guard balance wheel on engine; repair safety device on elevator.	Complied.
Morton Bros.,	Steam laundry,	8	42	-	-	Good,	Guard gears,	Complied.
Mason Machine Co.,	Cotton machinery,	660	-	-	4	Good,	Box up belting; repair elevator gates,	Complied.
Taunton Locomotive Co.,	Printing presses,	310	-	-	2	Good,	File school certificates,	Complied.
C. A. Hack & Son,	Job printing,	12	12	-	4	Good,	Pay weekly; file school certificates,	Complied.
Taunton Evening News,	Newspaper,	12	1	-	1	Good,	File school certificates,	Complied.
Raynham.								
The Diamond Tack & Nail Works,	Tacks and nails,	14	6	-	1	Good,	Pay weekly; file school certificates,	Complied.
Adamsdale.								
Adamsdale Mills,	Cotton yarns,	24	40	-	3	Good,	Pay weekly,	Complied.
South Attleborough.								
James Orr,	Bleacher and dyer,	29	21	-	3	Good,	Post time notice; file school certificates,	Complied.
Sadler Bros. & Co.,	Jewelry,	15	31	-	6	Good,	Post time notice; pay weekly,	Complied.

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Wm. Coupe & Co.,	Tanners,	35	-	-	-	Good,	Pay weekly,	Complied.
Wm. P. Shaw Co.,	Jewelry,	3	2	-	2	Good,	Post time notice,	Complied.
Attleborough.								
J. M. Fisher,	Jewelry,	47	17	-	-	Good,	Post time notice,	Complied.
W. H. Willmarth & Co.,	Jewelry,	81	81	-	7	Good,	File school certificates,	Complied.
Rignell, Bigney & Co.,	Jewelry,	60	40	-	6	Good,	Box up pulleys; file school certificates,	Complied.
I. T. Inman & Co.,	Jewelry,	39	6	-	-	Good,	Box up pulleys; post time notice,	Complied.
Dolan & Co.,	Jewelry,	14	9	-	3	Good,	Pay weekly,	Complied.
D. F. Briggs & Co.,	Jewelry,	82	78	-	4	Good,	Post time notice; designate water-closets,	Complied.
Simes & Co.,	Jewelry,	27	23	-	3	Good,	Post time notice; pay weekly; designate water-closets,	Complied.
Attleborough Sun,	Newspaper,	18	2	-	1	Good,	Post time notice,	Complied.
Charles M. Robbins,	Jewelry,	20	30	-	-	Good,	Post time notice,	Complied.
Horton, Angell & Co.,	Jewelry,	99	31	-	5	Good,	File school certificates,	Complied.
Attleborough Manufacturing Co.,	Jewelry,	46	40	-	12	Good,	Post time notice,	Complied.
C. H. Allen & Co.,	Jewelry,	30	8	-	2	Good,	Post time notice; file school certificates; designate water-closets.	Complied.
McRae & Keeler,	Jewelry,	93	103	-	10	Good,	Post time notice,	Complied.
Marble, Smith & Forester,	Jewelry,	30	11	-	1	Good,	File school certificates,	Complied.
George L. Brown & Co.,	Jewelry,	19	16	-	-	Good,	Post time notice,	Complied.
D. A. White & Co.,	Jewelry,	19	12	-	1	Good,	Post time notice; file school certificates,	Complied.
Walter E. Hayward,	Jewelry,	17	3	-	2	Good,	Post time notice; file school certificates; designate water-closets.	Complied.
F. M. Ellis & Co.,	Jewelry,	15	17	-	-	Good,	Post time notice,	Complied.
Bliss Bros.,	Jewelry,	32	8	-	-	Good,	Pay weekly,	Complied.

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DISTRICT NO. 6 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Attleborough — Con.								
Torrey Jewelry Co.,	Jewelry,	20	2	-	-	Good,	File school certificates,	Complied.
Watson, Newell & Co.,	Jewelry,	150	125	-	5	Good,	File school certificates,	Complied.
Wm. Narney & Co.,	Silver novelties,	46	15	-	-	Good,	Post time notice,	Complied.
Bay State Optical Co.,	Optical goods,	40	8	-	2	Good,	Post time notice; file school certificates,	Complied.
F. H. Sadler & Co.,	Jewelry,	16	8	-	-	Good,	Post time notice,	Complied.
F. W. Weaver & Co.,	Jewelry,	15	15	-	3	Good,	Post time notice; file school certificates,	Complied.
A. S. Ingraham,	Electric plater,	5	3	-	2	Good,	File school certificates,	Complied.
McDonald, Culver & Leed,	Jewelry,	10	7	-	-	Good,	Box up pulleys,	Complied.
D. E. Makpease,	Jewelry,	25	-	-	-	Good,	Box up pulleys,	Complied.
E. A. Fargo & Co.,	Metal novelties,	5	2	-	-	Good,	Post time notice,	Complied.
Attleborough Falls.								
W. N. Fisher & Co.,	Jewelry,	76	14	-	1	Good,	Pay weekly,	Complied.
Stelle & Conolly,	Jewelry,	5	5	-	2	Good,	Post time notice,	Complied.
B. S. Freeman & Co.,	Jewelry,	14	6	-	-	Good,	Designate water-closets,	Complied.

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Chartley.									
W. H. Strnday Manufacturing Co.,	Jewelry,	55	25	-	9	Good,	Post names of minors; file school certificates,	Complied.
Freeman, Danghaday & Co.,	Jewelry,	50	40	-	8	Good,	Post time notice; file school certificates,	Complied.
Dodgeville.									
Dodgeville Mills,	Print cloths,	164	75	-	21	Good,	Communication to engineer's room; box up gears; repair safety device on elevator.	Complied.
Hebronville.									
Hebron Mills,	Cotton yarns,	60	75	-	18	Good,	Communication to engineer's room; box up belting; file school certificates.	Complied.
North Dighton.									
North Dighton Cotton Co.,	Cotton yarns,	29	25	-	7	Good,	Post time notice; repair safety device on elevator,	Complied.
Norton.									
Norton Mills,	Wool scouring,	21	-	-	-	Good,	Cover up gears,	Complied.
North Attleborough.									
E. I. Frankin & Co.,	Jewelry,	65	35	-	3	Good,	Post time notice; pay weekly and file school certificates,	Complied.
R. Blackinton & Co.,	Jewelry,	65	10	-	4	Good,	Post time notice,	Complied.
Codding & Hillburne Co.,	Jewelry,	24	26	-	1	Good,	Post time notice and file school certificates,	Complied.
Palmer & Peckham,	Jewelry,	36	4	-	1	Good,	Post time notice and pay weekly,	Complied.
W. G. Clarck & Co.,	Jewelry,	36	4	-	4	Good,	Post time notice and file school certificates,	Complied.
H. H. Curtis & Co.,	Silversmith,	40	10	-	-	Good,	Post time notice,	Complied.
Thomas E. Scott,	Jewelry brushes,	8	7	-	4	Good,	Post time notice and file school certificates,	Complied.

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DISTRICT NO. 6 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
North Attleborough — Con.								
J. O. Copeland & Co.,	Jewelry,	10	5	-	-	Good,	Post time notice,	Complied.
John Bagnan,	Jewelry,	5	5	-	-	Good,	Post time notice,	Complied.
A. H. Bliss & Co.,	Jewelry,	35	35	-	3	Good,	Post time notice; pay weekly and file school certificates,	Complied.
G. A. Chever,	Jewelry,	35	15	-	-	Good,	Post time notice,	Complied.
G. K. Webster,	Silver novelties and jewelry.	100	15	-	2	Good,	Post time notice; box up pulleys and designate water-closets.	Complied.
T. I. Smith & Co.,	Jewelry,	100	75	-	8	Good,	Post time notice,	Complied.
F. S. Gilbert,	Jewelry,	21	2	-	1	Good,	Pay weekly,	Complied.
Sandland, Capron & Co.,	Jewelry,	19	3	-	-	Good,	Pay weekly,	Complied.
Cutler, Granbery & Co.,	Jewelry,	28	2	-	1	Good,	File school certificates,	Complied.
O. M. Draper,	Jewelry,	40	70	-	3	Good,	Pay weekly and file school certificates,	Complied.
B. B. Brady & Co.,	Jewelry,	22	8	-	-	Good,	Box up gears,	Complied.
The Globe Jewelry Co.,	Jewelry,	17	6	-	2	Good,	Box up pulleys and clean and whitewash water-closets,	Complied.
T. C. Frothingham & Co.,	Jewelry,	16	2	-	-	Good,	Post time notice,	Complied.
Doran, Bagnall & Co.,	Jewelry,	12	8	-	3	Good,	Box up gears and file school certificates,	Complied.
D. D. Codding & Co.,	Jewelry,	15	2	-	-	Good,	Pay weekly,	Complied.
H. F. Barrows & Co.,	Jewelry,	100	100	-	2	Good,	Post time notice and file school certificates,	Complied.

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Chever, Tweedy & Co.,	Jewelry,	30	30	-	1	Good,	Designate water-closets,	Complied.
Straker Bros.,	Die cutting,	12	-	-	-	Good,	Pay weekly,	Complied.
F. L Shepardson & Co.,	Jewelry,	17	8	-	-	Good,	Pay weekly,	Complied.
J. J. Burningham,	Enameller,	8	10	-	1	Good,	File school certificate,	Complied.
Fairhaven.								
Atlas Tack Co.,	Nails and tacks,	105	20	-	2	Good,	Post time notice; file school certificates; guard wheel on engine.	Complied.
Fairhaven Iron Foundry Co.,	Iron casting,	36	-	-	-	Good,	Repair safety device on elevator,	Complied.
North Easton.								
Hatch & Grinnell,	Men's and boys' shoes,	194	28	-	7	Good,	Post time notice; box up pulleys; file school certificates; designate water-closets.	Complied.
W. B. Drew & Co.,	Shoe heels,	30	15	-	-	Good,	Post time notice,	Complied.
South Easton.								
Arthur Darling,	Men's and boys' shoes,	13	2	-	-	Good,	Post time notice,	Complied.
Cottage City.								
Cornell & Mayhew,	Fancy groceries,	4	-	-	-	Good,	Put safety device on elevator; automatic gates,	Complied.
Westport.								
Westport Factory,	Cotton twines,	102	119	-	23	Good,	Cover up gears,	Complied.

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DISTRICT NO. 6 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	NUMBER EMPLOYED.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
South Dennis.								
Red Star Manufacturing Co., . .	Men's coats and overalls.	6	22	-	-	Good, .	Pay weekly, ...	Complied.
O. B. Manufacturing Co., . . .	Men's coats and overalls.	1	18	-	-	Good, .	Pay weekly, ...	Complied.
Swansea.								
Swansea Bleach & Dye Works, .	Bleaching and dyeing cotton cloth.	27	-	-	6	Good, .	Box up pulleys and gears, ...	Complied.

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DISTRICT No 7, ... JAMES R. HOWES, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Chicopee.								
Chicopee Manufacturing Co., No. 1,	Cotton cloth,	125	162	-	-	Fair,	Sanitary; post time notice,	Complied.
Lamb Manufacturing Co.,	Bicycles,	484	20	-	10	Good,	Guard drums,	Complied.
Taylor, Bramnley Co.,	Underwear,	5	24	-	-	Good,	Guard shafting; post time notices,	Complied.
Fisk Rubber Co.,	Rubber tires,	33	4	-	-	Good,	Guard shaftings and drums,	Complied.
Overman Wheel Co.,	Bicycles,	611	74	-	8	Good,	Designate closets,	Complied.
Dwight M'f'g Co., Cloth Room,	Cotton cloth,	70	110	-	12	Good,	Designate closets; guard drums,	Complied.
Stevens Arms Co.,	Guns and pistols,	158	-	-	6	Good,	Post time notices; children's certificates,	Complied.
Olmstead & Tuttle Co.,	Cotton waste,	57	20	-	2	Good,	Post time notices; guard shafting and drums,	Complied.
Cushing Card Co.,	Glazed paper,	14	-	-	-	Good,	Provide new gates,	Complied.
Butterworth Carpet Co.,	Floor rugs,	8	-	-	-	Good,	Post time notices,	Complied.
Easthampton.								
Easthampton Rubber Thread Co.,	Rubber thread,	48	10	-	-	Good,	Guard gears and drums,	Complied.
Easthampton Steam Laundry Co.,	Laundry,	5	3	-	-	Good,	Post time notices; guard shafting,	Complied.
Nashawanuck Manufacturing Co.,	Suspenders,	189	186	-	23	Good,	Guard gears,	Complied.

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DISTRICT NO. 7 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Easthampton — Con.								
Williston & Knight Co.,	Buttons,	93	44	-	9	Good,	Post time notices,	Complied.
Sawyer & Wolfe,	Narrow fabric,	14	2	-	1	Good,	Post time notices,	Complied.
Holyoke.								
Smith Tablet Co.,	Paper tablets,	10	17	-	-	Good,	Post time tables,	Complied.
Whitney Paper Co , No. 2,	Paper,	87	89	-	-	Good,	Post time notices; guard gears,	Complied.
Connecticut River Paper Co.,	Paper,	49	58	-	-	Poor,	Sanitary; guard gears, belts and shafting,	Complied.
Connor Bros., Upper Mill,	Woollen cloth,	50	7	-	3	Good,	Guard gears,	Complied.
Buchannan, Bolt & Co.,	Wire cloth,	55	9	-	-	Good,	Post time notices,	Complied.
J. & W. Jolly, Lower Mill,	Machinists,	37	1	-	-	Good,	Guard gears and drums,	Complied.
Smith & White Manufacturing Co.,	Pads,	40	39	-	-	Good,	Post time notices,	Complied.
Coburn Trolley Track Co.,	Trolley track,	45	4	-	-	Good,	Post time notices; children's certificates,	Complied.
Coburn Metallic Bed and Mattress Co.,	Beds,	35	-	-	3	Poor,	Post time notices; sanitaries,	Complied.
Geo. R. Dickinson Paper Co.,	Paper,	119	67	-	-	Good,	Guard gears; post time notices,	Complied.
Parsons & Green,	Paper,	4	20	-	-	Good,	Post time tables,	Complied.
Taylor Atkins Co.,	Envelopes,	16	37	-	1	Good,	Post time notices; children's certificates,	Complied.
National Blank Book Co.,	Blank books,	177	115	-	19	Good,	Guard drums; designate closets,	Complied.

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Geo. C. Gill Paper Co.,	Paper,	160	100	-	2	Good,	Guard shafting,	Complied.
Holyoke Steam Laundry Co.,	Laundry,	11	7	-	-	Good,	Post time notices,	Complied.
Holyoke Envelope Co.,	Envelopes,	45	67	-	-	Good,	Communication from rooms to engine room,	Complied.
Germania Mills,	Woollen cloth,	209	54	-	21	Good,	Guard gears,	Complied.
Commercial Printing Co.,	Printing,	3	-	-	-	Good,	Post time notices; guard drums,	Complied.
Barton Manufacturing Co.,	Metal frames,	4	-	-	-	Good,	Guard drums,	Complied.
M. J. Doyle Printing Co.,	Printing,	9	-	-	-	Good,	Post time tables; guard drums,	Complied
Beebe & Webber Co., Upper Mill,	Woollen cloth,	23	7	-	1	Good,	Post time tables,	Complied.
Fenton & Son,	Carriages,	31	-	-	-	Good,	Guard drums,	Complied.
Holyoke Motor Works,	Motors,	36	-	-	-	Good,	Guard drums,	Complied.
Connor Bros., Lower Mill,	Woollen cloth,	135	72	-	-	Good,	Post time tables,	Complied.
Chemical Paper Co.,	Paper,	200	4	-	2	Good,	Guard elevator openings; children's certificates,	Complied.
Wm. Skinner Silk Co.,	Silks,	360	420	-	51	Good,	Designate closets; guard gears,	Complied.
Griffith, Axtel & Cady Co.,	Printing,	40	21	-	12	Good,	Children's certificates; post time tables,	Complied.
Wauregan Paper Co.,	Paper,	50	20	-	-	Good,	Guard shafting,	Complied.
Huntington.								
Thomas Jones,	Iron ore,	7	-	-	-	Good,	Guard gears,	Complied.
Northampton.								
Florence Furniture Co.,	Coffins,	25	-	-	-	Good,	Guard shafting and drums; post time notices,	Complied.
Florence Machine Co.,	Sewing machines,	91	6	-	-	Good,	Guard shafting; post time notices,	Complied.
Mount Tom Sulphite Pulp Co.,	Paper pulp,	152	-	-	-	Good,	Guard gears,	Complied.

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DISTRICT NO. 7 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Northampton — Con.								
Joseph Hebart,	Doors and sash,	24	-	-	-	Good,	Guard drums,	Complied.
Northampton Electric Light Co.,	Light and power,	4	-	-	-	Good,	Guard belts,	Complied.
W. H. Smith,	Flour and feed,	4	-	-	-	Good,	Guard shafting,	Complied.
W. C. Pomeroy,	Wood working,	6	-	-	-	Good,	Guard drums,	Complied.
Meadow City Laundry,	Laundry,	3	4	-	-	Good,	Post time notices,	Complied.
Herrick Machine Co.,	Bicycles,	12	-	-	-	Good,	Post time notices,	Complied.
Belding Bros. Silk Co.,	Silk goods,	193	309	-	27	Good,	Provide communication from work rooms to engine rooms.	Complied.
Palmer.								
Boston Duck Co.,	Cotton duck,	363	160	-	10	Good,	Post time notices; guard drums,	Complied.
O. J. Powers & Sons,	Straw hats,	13	28	-	-	Good,	Post time notices; guard shaftings and drums,	Complied.
Palmer Mill,	Cotton cloth,	523	232	-	8	Good,	Guard shafting and drums,	Complied.
Palmer Carpet Manufacturing Co.,	Carpets,	55	9	-	3	Good,	Post time notices,	Complied.
Amherst.								
Geo. B. Burnett & Son,	Straw hats,	106	140	-	-	Good,	Post time notices; designate closets; guard shafting,	Complied.

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Hills Co.,	Straw goods,	98	114	-	-	Good,	Post time notice,	Complied.
Amherst College Laundry Co.,	Laundry,	6	8	-	-	Good,	Designate closets; post time tables,	Complied.
Springfield.								
James Duckworth,	Cycle chains,	20	-	-	2	Good,	Post time notices; childreh's certificates,	Complied.
Church & Richards,	Cotton packing,	10	6	-	-	Good,	Post time notices,	Complied.
Springfield Waste Co.,	Cotton waste,	83	-	-	-	Good,	Guard shafting,	Complied.
Barrett & Leonard,	Job printing,	9	1	-	-	Good,	Post time notices,	Complied.
Springfield Confectionery Co.,	Confectionery,	5	4	-	3	Good,	Post time notices; designate closets,	Complied.
P. R. Wagor,	Mill guards,	2	10	-	-	Good,	Post time notices,	Complied.
C. W. Bullock,	Light hardware,	85	-	-	3	Good,	Guard shafting,	Complied.
Newell Bros.,	Buttons,	177	179	-	5	Good,	Post time notices,	Complied.
R. H. Long Shoe Co.,	Shoes,	64	36	-	3	Good,	Post time notices,	Complied.
Royce Laundry Co.,	Laundry,	12	15	-	-	Good,	Guard drums; post time notices,	Complied.
Kibbe Bros.,	Confectionery,	84	50	-	15	Good,	Designate closets,	Complied.
Densmore Typewriter Co ,	Typewriters,	112	42	-	4	Good,	Post time notices; designate closets; children's certificates.	Complied.
Bay State Corset Co.,	Corsets,	27	200	-	16	Fair,	Children's certificates; sanitaries,	Complied.
United States Spring Bed Co.,	Bed springs,	28	-	-	-	Good,	Post time notices,	Complied.
P. H. Potter,	Sashes, doors, and finished lumber.	84	-	-	-	Good,	Guard drums and belts,	Complied.
Highland Brewing Co.,	Beer,	20	-	-	-	Good,	Guard drums and shafting,	Complied.
Iroquois Manufacturing Co.,	Feed bags,	1	13	-	-	Good,	Post time tables; guard shafting,	Complied.
Lovering & Axtell,	Printing,	12	9	-	-	Fair,	Post time notices; sanitary,	Complied.

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DISTRICT NO. 7 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Springfield — Con.								
Planet Manufacturing Co.,	Feed bags,	2	1	-	-	Good,	Post time notices,	Complied.
Victor Sporting Goods Co.,	Sporting goods,	25	26	-	-	Fair,	Post time notices; designate closets; sanitary,	Complied.
Milton Bradley Co.,	School materials,	103	23	-	1	Fair,	Sanitary,	Complied.
R. H. Long Shoe Co.,	Shoes,	73	22	-	-	Good,	Guard shafting,	Complied.
Hampden Paint & Chemical Co,	Paints,	13	-	-	1	Good,	Post time notices; guard belts and hoist-way,	Complied.
Shea Bros.,	Glazed paper,	4	-	-	-	Good,	Guard hoist-ways,	Complied.
J. P. Falt & Co.,	Cut stone,	75	-	-	-	Good,	Guard drums,	Complied.
M. S. Stebbins Manufacturing Co.,	Bicycles,	14	-	-	-	Good,	Guard shafting,	Complied.
Vermont Farmers' Goods,	Pickles,	4	-	-	3	Good,	Post time notices,	Complied.
Springfield Machine Screw Co.,	Machine screws,	56	-	-	2	Good,	Guard shafting,	Complied.
City Laundry Co.,	Laundry,	9	12	-	-	Good,	Post time notices,	Complied.
Hodge Fibre Carpet Co.,	Fibre carpets,	29	34	-	-	Good,	Post time notices,	Complied.
Baker Extract Co,	Extracts,	3	10	-	-	Good,	Post time notices,	Complied.
E. J. Piper,	Machine builders,	12	-	-	-	Good,	Guard drums,	Complied.
National Papeterie Co.,	Envelopes,	120	40	-	2	Poor,	Sanitary order,	Complied.
Blake Manufacturing Co.	Brass plate goods,	50	10	-	-	Fair,	Door for closets; post time notices; ventilation,	Complied.

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Springfield Drop Forge Co.,	Drop forgings,	71	-	-	-	Good,	Guard shafting,	Complied.
Newell Bros.,	Buttons,	121	267	-	17	Good,	Post time notices; guard drums,	Complied.
Springfield Printing & Binding Co.,	Bookbinding,	67	54	-	2	Good,	Post time notices,	Complied.
South Hadley.								
Stony Brook Paper Co.,	Paper,	9	2	-	-	Good,	Guard gears,	Complied.
Westfield.								
Bryant Box Co.,	Cigar and paper boxes,	6	11	-	-	Good,	Post time notices,	Complied.
American Cigar Co.,	Cigars,	7	23	-	-	Good,	Post time notices,	Complied.
American Holly Whip Co.,	Holly whip stocks,	3	-	-	-	Good,	Guard shafting,	Complied.
W. E. Moore & Sons,	Machinists,	8	-	-	-	Good,	Guard drums,	Complied.
Lozier Manufacturing Co.,	Bicycles,	358	7	-	9	Good,	Outside doors kept unlocked; guard shafting,	Complied.
Palmer & Wilson,	Whips,	4	-	-	1	Good,	Post time notices,	Complied.
Warren Thread Co.,	Cotton thread,	40	-	-	1	Good,	Post time notices,	Complied.
Boyle & Green,	Woodwork,	6	-	-	-	Good,	Guard shafting and drums,	Complied.
Crane Bros., Lower Mill,	Paper,	62	32	-	-	Good,	Guard shafting,	Complied.
Standard Whip Co.,	Whips,	13	5	-	-	Good,	Post time notices,	Complied.
A. E. Ensign Box Co.,	Boxes,	5	7	-	-	Good,	Guard openings,	Complied.
Westfield Manufacturing Co.,	Thread for whips,	10	10	-	-	Good,	Guard openings,	Complied.
C. A. Hastings,	Whips,	6	10	-	1	Good,	Post time notices; children's certificates,	Complied.
Beckwith Bros.,	Piano legs,	20	-	-	-	Good,	Guard drums,	Complied.
Towne, Fuller Co.,	Cigars,	52	45	-	-	Good,	Post time notices,	Complied.

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DISTRICT NO. 7 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Westfield — Con.								
New England Whip Co.,	Whips,	39	9	-	-	Fair,	Designate closets; post time notices,	Complied.
E. A. & S. Allen,	Power,	4	-	-	-	Good,	Provide elevator gates,	Complied.
Crane Bros., Upper Mill,	Paper,	15	-	-	-	Good,	Guard drums and gears,	Complied.
Franklin Whip Co.,	Whips,	7	-	-	-	Good,	Post time table,	Complied.
Williamsburg.								
G. M. Bradford,	Whip butts,	8	-	-	-	Good,	Guard drums,	Complied.
Tolland.								
C. N. Marshall,	Woodwork,	8	-	-	-	Good,	Guard shafting,	Complied.
Cummington.								
McWilliams Bros.,	Tool handles,	5	-	-	-	Good,	Guard belts,	Complied.
A. V. Stevens,	Brush handles,	28	2	-	-	Good,	Guard elevator openings; post time tables,	Complied.
L. L. Brown Paper Co.,	Paper,	17	6	-	-	Good,	Guard gears and drums; post time tables,	Complied.
Cummington Manufacturing Co.,	Scythe stones,	6	-	-	-	Good,	Guard shafting and belts,	Complied.

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Enfield.									
Woods & Ward,	Box shop,	10	-	-	1	Good,	Post time tables; guard drums and belts,	Complied.
Ware.									
Joseph T. Wood Co.,	Boots and shoes,	50	15	-	2	Good,	Children's certificates,	Complied.
Ware Lumber Co.,	Lumber,	17	-	-	-	Good,	Guard drums,	Complied.
Geo. H. Gilbert Manufacturing Co.,	Woollen cloth,	136	46	-	5	Good,	Post time tables,	Complied.
Goshen.									
H. C. Packard,	Lumber,	4	-	-	-	Good,	Guard shafting and drums,	Complied.
Wales.									
Berkley Woolen Mills,	Woollen cloth,	52	9	-	1	Fair,	Sanitary order,	Complied.
Golden Rod Woolen Mills,	Woollen cloth,	56	24	-	2	Good,	Guard gears; children's certificates; post time tables; provide weavers' specifications.	Complied.
Chester.									
Hudson & Chester Granite Co.,	Dressed granite,	8	-	-	-	Good,	Guard drums,	Complied.
Hampden Emery & Corundum Co.,	Emery sand,	6	-	-	-	Good,	Guard drums,	Complied.
W. S. Gamwell,	Flour and feed,	4	-	-	-	Good,	Guard shafting and gears,	Complied.
West Springfield.									
Mittineague Paper Co.,	Paper,	49	61	-	1	Good,	Guard drums and gears,	Complied.
Agawam Paper Co.,	Paper,	77	73	-	1	Good,	Post time tables,	Complied.
Worthy Paper Co.,	Paper,	38	39	-	-	Good,	Guard shafting and gears,	Complied.

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Summary.

Cities and Towns.	Number of Inspections.	Males.	Females.	Minors under 16.	Number of Orders given.
Springfield,	78	3,364	1,517	51	51
Holyoke,	55	4,416	3,523	385	38
Westfield,	30	814	407	20	23
Northampton,	28	861	393	32	13
Chicopee,	18	3,095	2,141	231	15
Easthampton,	8	522	410	52	7
Palmer,	9	983	448	27	7
Amherst,	8	328	262	–	4
Monson,	2	91	175	–	–
Chester,	4	24	–	–	3
West Springfield,	4	164	173	3	3
Huntington,	4	78	30	–	1
Wales,	3	108	33	3	4
South Hadley,	3	108	138	–	1
Chesterfield,	4	42	–	–	–
Goshen,	2	11	–	–	2
Ware,	5	1,053	1,062	72	3
Cummington,	5	50	8	–	6
Enfield,	4	145	43	3	2
Ludlow,	4	265	470	85	–
Williamsburg,	4	161	17	4	–
Tolland,	1	8	–	–	1
Hatfield,	2	82	–	2	–
Totals,	285	16,773	11,250	970	183

Number of inspections,	342
Manufacturing inspections,	285
Hotel inspections,	27
Mercantile inspections,	30
Number of males under 16,	517
Number of females under 16,	463
Number of males employed,	16,773
Number of females employed,	11,250
Total number employed,	27,933
Number of elevators inspected,	260
Number of elevators tested,	181
Number of elevators placarded,	64
Number of orders issued,	183
Number of compliances,	183

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REPORT OF INSPECTOR PUTNAM.

With this I transmit to you a detailed report of my work for the year. Advance all along the line of better protection to life and limb has been made. There have been 351 orders issued during the year, as against 387 last year, and 54 of these were to post and keep on file lists of children, in compliance with chapter 494, which went into effect Sept. 1, 1898.

The matter of providing communication between the engine room and each room in the factory is an important one and a somewhat difficult one to handle in a way that is satisfactory to all parties. The installation of electric bells or speaking tubes from each room to the engine room is not entirely satisfactory or entirely safe, even if the engineer is always in the engine room. An engine running at full speed cannot be stopped at once, and if it could be it would be a very dangerous proceeding. The fly wheel must make a number of revolutions after the steam is shut off before it stops, and a few revolutions of the fly wheel may mean hundreds of the shaft where the accident is. The only safe, sure and practical method is to have in each room an appliance whereby the power running that room may be readily controlled, either by a clutch, easily handled idler or a loose pulley and shipper, so that any one in any room in the factory may stop the shafting in that room quickly, without interfering in any manner with the running of all other rooms. In other words, each room should be run independently of every other room. The difficulty in adapting this method to the old factories is not only the expense involved in changing the whole scheme of transmitting the power, but the necessity of shutting down the factory for a longer or shorter period while the changes are being made.

In all new factories in my district I insist upon this method, and it is an easy matter to show the manufacturer that to adopt it is a clear saving of money and time. Let us take, for example, a factory employing six hundred people. A belt running a room where one hundred people are employed breaks. The whole factory must be shut down while the belt is being repaired, which takes fifteen minutes. There is a loss of nine thousand minutes, one hundred and fifty hours, fifteen days' work for one man, to say nothing of the demoralization which ensues among the employees for some time afterwards. On the other hand, could that room be controlled within itself, there would be a loss of only two and a half days' work of one man. Again, it often happens that a factory needs to run but a part of its machinery. Under the old system, all the shafting must be run at a great waste of

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power. Under the new, not a pulley need turn in any room where it is not required. Thus a great saving of power is made. The aggregate saving during the year would possibly more than pay for the improvement.

Several notable inventions for the better protection of life and limb have been brought to my attention during the year. Among the best are the electric power controller, safety appliance for sole moulders, beater lock, and an appliance to control the power running rubber grinders. These are all practically new inventions, and are practical in their workings.

Summary.

Town or City.	Number of Inspections.	Number Employed.		Children under 16.	Number of Elevators.	Number of Orders Issued.
		Males.	Females.			
Abington,	11	907	393	11	7	14
Avon,	2	154	39	3	-	-
Braintree,	12	741	185	3	2	11
Bridgewater,	9	497	114	9	2	12
East Bridgewater,	1	180	-	-	-	1
Brockton,	134	8,016	3,093	104	63	125
Blackstone,	3	997	238	77	1	3
Carver,	2	40	-	-	-	2
Canton,	6	400	246	6	1	7
Dedham,	5	213	58	9	2	10
Foxborough,	2	64	246	1	2	2
Hanover,	4	267	43	-	1	1
Hanson,	2	55	1	-	-	5
Holbrook,	2	140	20	3	1	3
Hull,	3	16	4	-	-	-
Hyde Park,	21	1,417	685	29	6	16
Medfield,	4	294	332	-	1	-
Middleborough,	7	599	267	8	3	6
Milton,	3	67	21	7	2	5
Norwood,	10	1,291	290	4	7	5
Plymouth,	5	1,046	204	28	2	1
Quincy,	14	579	515	8	4	14
Randolph,	8	517	166	19	6	16
Rockland,	16	940	382	27	8	18
Stoughton,	12	696	331	29	5	17
Walpole,	11	582	51	8	5	14
Wareham,	3	350	-	6	-	-
Wrentham,	6	256	87	8	-	11
Weymouth,	17	1,658	636	11	11	14
Whitman,	14	1,726	560	25	8	18
Totals,	349	24,765	9,207	448	150	351

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DISTRICT No 8, ... EDWARD B. PUTNAM, *Inspector.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Abington.								
William E. Lyon,	Boots and shoes,	18	2	-	-	Fair,	New elevator cable,	Complied.
C. H. Alden & Co.,	Boots and shoes,	125	35	-	1	Fair,	Guard set screws; box belts running through floors; keep fire-escape clear of obstructions; control power on sewing-machine shafts; rail crank shaft and fly wheel of engine; guard roller; post time tables.	Complied.
George J. Clark,	General woodwork,	10	-	-	-	Fair,	Rail belts and pulleys on planer,	Complied.
M. N. Arnold & Co.,	Boots and shoes,	450	250	-	9	Fair,	Guard set screws and roller; keep entry clear of bicycles,	Complied.
Braintree.								
Williams & Kneeland,	Boots and shoes,	145	60	-	1	Good,	Guard set screws; procure certificate; post and keep on file lists of children.	Complied.
George Gardner,	Sheathing paper,	40	-	-	-	Fair,	Guard set screws and rag cutter,	-
B. F. Woodsum Co.,	Tacks and nails,	20	5	-	-	Fair,	Shipper for chopper,	Complied.
J. C. Trott & Co,	Absorbent cotton,	12	-	-	-	Fair,	Guard set screws,	Complied.
Azra B. Keith,	Cut leather,	16	-	-	2	Fair,	Procure certificates; post and keep on file lists of children.	-
Jenkins Manufacturing Co,	Braids and laces,	25	35	-	-	-	Guard set screws,	Complied.
Victor Metals & Foundry Co.,	Metals,	6	-	-	-	Fair,	Guard set screws,	-

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DISTRICT NO. 8 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Bridgewater.								
W. H. McElwain & Co,	Boots and shoes,	241	102	-	8	Good,	Procure certificates,	Complied.
W. B. May & Co.,	Ladies' slippers,	8	5	-	-	Good,	Box sewing-machine shaft and control power running same; guard set screws; post time tables.	Complied.
H. J. Miller,	Tacks and nails,	8	-	-	-	Fair,	Guard set screws,	Complied.
Monarch Horse Shoe Nail Co.,	Horse shoe nails,	9	6	-	1	Fair,	Guard set screws; box belts and pulleys on pointing machines; procure certificate; post and keep on file list of children.	Complied.
East Bridgewater.								
Carver Cotton Gin Co.,	Machinery,	180	-	-	-	Fair,	Guard irregular moulder,	-
Brockton.								
Whitman & Keith,	Boots and shoes,	220	70	-	3	Fair,	Guard set screws; new cable for elevator; procure certificate; illiterate minor to attend school.	Complied.
M. A. Packard & Co.,	Boots and shoes,	200	90	-	5	Fair,	Procure certificate; post and keep on file lists of children; new cable.	Complied.
Brockton Skirt Co.,	Dress skirts,	1	24	-	-	Fair,	Box sewing-machine shaft and control power running same.	Complied.
E E. Taylor & Co,	Boots and shoes,	175	75	-	1	Fair,	Repair elevator gate on third floor; post and keep on file lists of children.	Moved.
E. & L. C. Keith,	Boots and shoes,	140	60	-	2	Fair,	Post and keep on file list of children; illiterate minor to attend school.	Complied.
J. W. Terhune Shoe Co.,	Boots and shoes,	16	4	-	-	Fair,	Rail back of leveller,	Complied.
D. W. Field,	Boots and shoes,	350	100	-	3	Fair,	Post and keep on file list of children; keep on file list of illiterate minors.	Complied.

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Charles A. Eaton Co.,	Boots and shoes,	200	100	-	2	Fair,	Procure certificate; post and keep on file lists of children,	Complied.
Packard & Field,	Boots and shoes,	160	40	-	1	Fair,	Procure certificate; post and keep on file lists of children,	Complied.
Brockton Co-operative Boot & Shoe Co.	Boots and shoes,	70	15	-	-	Fair,	Pay weekly,	Complied.
Thompson Bros.,	Boots and shoes,	200	100	-	1	Fair,	Guard set screws; post and keep on file lists of children,	Complied.
Monarch Rubber Co.,	Rubber coated cloth,	25	-	-	1	Fair,	Procure certificate; post and keep on file lists of children,	Complied.
E. R. Leird & Co.,	Steel shanks,	10	-	-	1	Fair,	Post and keep on file lists of children,	Complied.
G. G. Snow,	Steam power,	5	-	-	-	Fair,	Provide communication,	Complied.
Goodrich Polish Manufacturing Co.,	Shoe polish,	3	7	-	-	Fair,	Post time tables,	Complied.
P. B. Keith Co.,	Boots and shoes,	325	125	-	3	Fair,	Procure certificate; post and keep on file lists of children,	Complied.
Charles S. Pierce,	Box toes and shoe crimping.	42	8	-	1	Good,	Post and keep on file lists of children,	Complied.
Empire Shoe Co.,	Boots and shoes,	110	40	-	-	Fair,	Guard set screws,	Complied.
F. M. Shaw & Son,	Rands and heels,	25	15	-	4	Fair,	Post and keep on file lists of children,	Complied.
Mulligan & Drislane,	Box toes,	12	3	-	2	Fair,	Post and keep on file lists of children,	Complied.
Washburn & Hayward,	General woodwork,	3	-	-	-	Fair,	Guard set screws; rail belt at stairway,	Complied.
L. A. Burke,	Shoes,	2	1	-	-	Fair,	Control power on sewing-machine shaft; post time tables.	Moved.
Charles Wakeling,	Heels,	3	2	-	-	Fair,	Post time tables; guard roller,	Moved.
Brockton Welting Co.,	Goodyear welting,	17	-	-	-	Fair,	Guard set screws; post time tables,	Moved.
Tolman Job Print,	Printing,	52	3	-	-	Good,	Doors to be kept unlocked,	Complied.
N. R. Packard & Co.,	Boots and shoes,	70	15	-	2	Fair,	Rail back of leveller; procure certificates; post and keep on file lists of children.	Complied.
Joyce & Fletcher,	Boots and shoes,	85	25	-	2	Fair,	Guard set screws and coupling pins; repair boxing on sewing-machine shaft.	Complied.
J. S. Allen Shoe Co.,	Boots and shoes,	9	1	-	-	Fair,	Guard roller; control power on sewing-machine shaft; post time tables.	Complied.
Brockton Suspender Co.,	Suspenders,	2	2	-	-	Fair,	Control power running sewing-machine shaft,	Complied.

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DISTRICT NO. 8 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Brockton — Con.								
Brockton Button Hole Co.,	Button holes,	2	3	-	-	Fair,	Control power running sewing-machine shaft,	Complied.
Bicycle Shoe Co.,	Bicycle shoes,	10	6	-	-	Fair,	Guard roller; post time tables,	Complied.
T. D. Barry & Co,	Boots and shoes,	200	100	-	-	Fair,	Guard set screws,	Complied.
H. T. Perry & Co.,	Box toes,	15	5	-	-	Fair,	Box belt,	Complied.
Brockton & Eureka Box Toe Co.,	Box toes,	9	6	-	-	Fair,	Box belt,	Complied.
Crafts & Harrington,	Boots and shoes,	24	6	-	-	Fair,	Guard roller; post time tables,	Complied.
F. C. Kingman & Co.,	Boots and shoes,	30	10	-	-	Fair,	Box and control power on sewing-machine shaft,	Complied.
Puritan Rubber Co.,	Mackintoshes,	3	27	-	1	Fair,	Procure certificate; post and keep on file lists of children.	Complied.
F. E. White & Co.,	Boots and shoes,	170	55	-	1	Fair,	Guard set screws and coupling pins; adjust hoisting gear of elevator; post and keep on file lists of children.	Complied.
Brockton Welting Co.,	Goodyear welting,	24	-	-	1	Fair,	Box belts running through floors; guard set screws; rail pin wheels; procure certificate; post and keep on file lists of children.	Complied.
Baxendale Box Toe Co.,	Box toes,	19	1	-	-	Fair,	Guard set screws,	Complied.
Nelson Paper Box Co.,	Paper boxes,	5	30	-	1	Fair,	Procure certificate; post and keep on file lists of children.	Complied.
F. M. Shaw & Son,	Heels,	40	20	-	2	Fair,	Procure certificates; post and keep on file lists of children.	Complied.
George G. Snow,	Boots and shoes,	400	150	-	8	Fair,	Procure certificate,	Complied.
M. P. Clough & Co.,	Boots and shoes,	110	30	-	1	Good,	Guard set screws; post and keep on file lists of children,	Complied.
Field-Hazzard Co.,	Boots and shoes,	175	75	-	8	Fair,	Procure certificate,	Complied.

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Ware & Lincoln,	Boots and shoes,	74	16	-	-	Fair,	Guard set screws,	Complied.
J. B. Lewis Co.,	Boots and shoes,	15	4	-	-	Fair,	Post time tables,	Complied.
Fields Bros.,	Boots and shoes,	40	10	-	-	Fair,	Guard set screws and skiver,	Complied.
A. H. Alger & Co.,	Paper boxes,	10	35	-	-	Good,	Post and keep on file lists of children,	Complied.
W. L. Douglas Shoe Co.,	Boots and shoes,	585	175	-	-	Fair,	Repair boxing on sewing-machine shaft and control power on same.	Complied.
Reynolds, Drake & Gabel,	Boots and shoes,	45	15	-	-	Fair,	Guard set screws and coupling pins,	Complied.
F. L. Woodbridge,	Wood boxes,	8	-	-	-	Fair,	Box belt,	Complied.
The Nesmith Co.,	Boots and shoes,	10	5	-	-	Good,	Guard set screws, coupling pins, roller and skiver; rail back of leveller.	Complied.
McCarty, Sheehy & Kendrick Co.,	Boots and shoes,	215	85	-	8	Fair,	Guard set screws and ends of shafts on McKay stitchers; keep stairways clear of obstructions.	Complied.
L. A. Smith, Jr.,	Shoe counters,	8	4	-	2	Fair,	Procure certificates; post and keep on file lists of children.	Complied.
D. S. Packard & Co.,	Shoe counters,	50	-	-	6	Fair,	Guard set screws; box belts running through floors and belts and pulleys on dinkers; post and keep on file lists of children.	Complied.
Cook & Perkins,	Tacks,	5	-	-	-	Fair,	Shipper for chopper,	Complied.
Elmer Loring,	Flexible inner soles,	6	6	-	1	Fair,	Guard set screws; post time tables; procure certificate; post and keep on file lists of children.	Complied.
Standard Rubber Co.,	Mackintoshes,	43	85	-	3	Fair,	Child under fourteen years of age not to be employed,	Complied.
James Donovan,	Boots and shoes,	6	1	-	-	Fair,	Guard skiver; post time tables,	Complied.
L. H. Hall,	Heels,	17	6	-	-	Fair,	Guard set screws; rail fly wheel,	Complied.
People's Steam Laundry,	Laundry,	3	7	-	-	Good,	Post time tables; designate closets; guard set screws,	Complied.
William P. Kingman Co.,	Boots and shoes,	70	20	-	-	Good,	Guard set screws,	Complied.
Brockton Counter Co.,	Shoe counters,	5	7	-	1	Fair,	Guard set screws; procure certificate; post and keep on file lists of children.	Complied.

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DISTRICT NO. 8 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Blackstone.								
Blackstone Manufacturing Co.,	Cottons,	200	200	-	41	Fair,	Rail crank shaft; repair floor in weave room,	Complied.
Lawrence Felting Co.,	Felting,	85	25	-	15	Fair,	Post and keep on file lists of children,	Complied.
Carver.								
T. T. Vaughn,	Box boards,	10	-	-	-	Fair,	Rail fly wheel and main belt,	-
Canton.								
Eureka Silk Co., Mills Nos. 1, 2 and 3,	Sewing silks,	50	243	-	6	Fair,	Guard set screws; post and keep on file lists of children,	Complied.
Canton Manufacturing Co.,	Bleaching,	88	4	-	-	Fair,	Guard set screws; new cable for elevator,	-
Dedham.								
Norfolk Mills,	Carpets,	135	45	-	7	Fair,	Procure certificates; post and keep on file lists of children.	Complied.
Merchant's Woollen Mill,	Woollens,	49	9	-	2	Fair,	Guard set screws; post time tables; post and keep on file lists of children.	Complied.
Merchant's Dye Works,	Dyeing,	25	-	-	-	Fair,	Guard set screws; box belts,	Complied.
High Street Hand Laundry,	Laundry,	3	2	-	-	Fair,	Post time tables; separate closet for females,	Complied.
Boquet Custom Laundry,	Laundry,	1	2	-	-	Fair,	Post time tables,	Closed.
Caton Bros., Bixby & Co.,	Straw and felt goods,	40	175	-	1	Good,	Procure certificate,	Complied.
Inman & Kimball,	Straw hats,	24	71	-	-	Good,	Repair safety device,	Complied.

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Hanover.									
N. V. Goodrich & Co.,	Boots and shoes,	125	35	-	-	Fair,	Guard set screws,	Complied.
Hanson.									
John Foster,	Boxes and barrels,	45	-	-	-	Fair,	Guard set screws; rail crank shaft and fly wheel; box belt on planer.	-
E. Phillips & Son,	Tacks,	10	1	-	-	Fair,	Guard set screws,	Complied.
Holbrook.									
Whitcomb & Paine,	Boots,	65	5	-	3	Fair,	Procure certificates; post and keep on file list of children.	Complied.
Holbrook Shoe Co.,	Boots and shoes,	75	15	-	-	Fair,	Box pulley on Parson's dinker,	Complied.
Hyde Park.									
Hyde Park Steam Laundry,	Laundry,	2	10	-	-	Good,	Post time table; designate closets,	Complied.
Fairmount Custom Laundry,	Laundry,	2	3	-	-	Fair,	Post time tables,	Complied.
Somerset Knitting Co.,	Golf hose and bathing suits	3	3	-	1	Fair,	Box sewing-machine shaft; procure certificate,	Complied.
Robert Gray,	Clothing,	5	8	-	-	Fair,	Post time tables,	Complied.
Brainerd Milling Machine Co.,	Machinery,	250	-	-	-	Good,	Guard set screws; box belts,	Complied.
Readville Machine Works,	Machinery,	30	-	-	-	Good,	Guard set screws,	Complied.
Fairmount Manufacturing Co.,	Wrappers and shirt waists.	5	55	-	3	Fair,	Repair boxing on sewing-machine shaft; post and keep on file lists of children.	Complied.
Clifton Manufacturing Co.,	Conduit work,	8	7	-	-	Fair,	Post time tables,	Complied.
Boston Gossamer Rubber Co.,	Mackintoshes,	200	300	-	3	Good,	Procure certificates; post and keep on file lists of children.	Complied.
Wilton Laundry,	Laundry,	2	7	-	-	Fair,	Post time tables; designate closets.	-

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DISTRICT NO. 8 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Middleborough.								
Murdock Parlor Grate Co.,	Fancy brass work,	40	-	-	-	Fair,	Guard set screws,	Complied.
John B. LeBaron,	Box boards and shingles,	5	-	-	-	Fair,	Box belt running shingle machine,	Complied.
Leonard & Barrows,	Boots and shoes,	300	150	-	7	Fair,	Designate closets; box pulley on dinker,	Complied.
Keith & Pratt,	Boots and shoes,	65	20	-	-	Fair,	Guard set screws; box sewing-machine shaft,	Complied.
Milton.								
T. Strangman & Son,	General woodwork and carriage building.	20	-	-	-	Fair,	Guard set screws; rail belts and pulleys,	-
National Biscuit Co.,	Fancy biscuit,	40	20	-	7	Good,	Procure certificates; post and keep on file lists of children.	Complied.
Norwood.								
George C. Scott & Son,	Book stereotypes,	26	-	-	1	Good,	Procure certificates; post and keep on file lists of children.	Complied.
Berwick & Smith,	Book printing,	84	4	-	3	Good,	Procure certificates; post and keep on file lists of children.	Complied.
Lyman Smith's Sons,	Morocco,	125	-	-	-	Fair,	Guard set screws,	Complied.
Winslow Bros.,	Morocco,	300	-	-	-	Fair,	Guard set screws,	Complied.
Plymouth.								
Plymouth Mills,	Tacks, nails and rivets,	55	15	-	-	Fair,	Guard set screws,	Complied.

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Quincy.								
Jacob Dreyfus & Son,	Shirts,	6	58	-	1	Fair,	Procure certificate; post and keep on file lists of children.	Complied.
Old Colony Laundry,	Laundry,	2	6	-	-	Fair,	Post time tables; separate closets for females and designate; guard gear on ironer.	Complied.
Carton Belting Co.,	Belting,	6	11	-	-	Good,	Post time tables; designate closets,	Complied.
Old Colony Boot & Shoe Co.,	Boots and shoes,	100	30	-	-	Fair,	Repair boxing,	Complied.
Graham Shoe Co.,	Boots and shoes,	48	12	-	-	Good,	Guard roller; box sewing-machine shaft,	Complied.
Badger Bros.,	Granite polishing,	56	-	-	-	Fair,	Guard set screws,	Complied.
M. Rosenfield,	Wrappers,	1	45	-	7	Fair,	Post time tables; post and keep on file list of children,	Complied.
Randolph.								
Nelson Paper Box Co.,	Paper boxes,	2	6	-	-	Fair,	Guard set screws; post time tables; designate closets,	Complied.
Bryant Boot & Shoe Co.,	Boots and shoes,	52	8	-	-	Fair,	Guard set screws; post time tables,	Complied.
Richards & Brennan,	Boots and shoes,	95	25	-	2	Fair,	Procure certificate; post and keep on file list of children,	Complied.
Haggerty & Sullivan,	Boots and shoes,	100	60	-	15	Fair,	Guard skivers; post and keep on file list of children,	Complied.
Charles Doughty,	Harnesses and electric light.	43	2	-	-	Fair,	Guard set screws,	Complied.
W. H. Gibbons Co.,	Boots and shoes,	40	10	-	-	Fair,	Control power on sewing-machine shaft; post time tables.	Complied.
Tileston Bros. Shoe Co.,	Boots and shoes,	60	30	-	2	Good,	Guard roller and splitter; procure certificates; post and keep on file lists of children.	Complied.
Rockland.								
Anderson Tack Co.,	Tacks,	7	1	-	1	Fair,	Procure certificate; post and keep on file lists of children.	Complied.
French, Shriner & Urner,	Boots and shoes,	120	30	-	1	Fair,	Procure certificate,	Complied.
E. T. Wright & Co.,	Boots and shoes,	95	25	-	1	Fair,	Procure certificate; post and keep on file lists of children; guard set screws; repair boxing.	Complied.
Rice & Hutchins,	Boots and shoes,	300	200	-	19	Fair,	Guard set screws and skiver; shipper for sewing-machine shaft; box belts and pulleys on dinker.	Complied.

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DISTRICT NO. 8 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Rockland — Con.								
Joseph M. Inkley,	Heels,	17	-	-	-	Fair,	Post time tables,	Complied.
J. H. Curtis,	Cut leather,	3	6	-	1	Fair,	Post time tables; procure certificate; post and keep on file lists of children.	-
John Burdett,	Heels,	12	8	-	4	Fair,	Guard set screws; procure certificates; post and keep on file lists of children.	Complied.
Stoughton.								
Plymouth Rubber Co.,	Rubber-coated cloth,	33	-	-	1	Fair,	Box shaft and gear running grinders; rail fly wheel and crank shaft; post time tables; procure certificate.	Complied.
Stoughton Mills,	Wool shoddy,	8	-	-	-	Fair,	Rail crank shaft and fly wheel; guard ends of shafts on pickers; control power running washer.	Complied.
Lamont Pratt,	Tacks,	3	-	-	-	Fair,	Guard set screws; shipper for chopper,	Complied.
Charles Stretton & Sons,	Knitted underwear,	15	60	-	-	Fair,	Guard set screws and coupling pins,	-
Chapman & Sons Manufacturing Co.,	Bicycles,	20	-	-	-	Good,	Guard set screws,	-
Walpole.								
Union Sandpaper Co.,	Sandpaper,	64	-	-	7	Fair,	Guard set screws; post and keep on file lists of children.	Complied.
William Mahoney,	Mattresses,	6	2	-	-	Fair,	Bar to door, second floor; post time tables; separate closets and designate.	Complied.
Russell T. Elwell,	Electric tape,	8	-	-	1	Fair,	Guard set screws; post time table; procure certificate,	Complied.

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Walpole Emery Mills,	Emery,	18	-	-	-	Fair,	Guard set screws,	Complied.
Norfolk Southern Street Railway,	Electricity,	4	-	-	-	Good,	Rail fly wheel, crank shaft and dynamos,	Complied.
Wrentham.								
Seymour-Knapp-Warren Co.,	Jewelry,	16	1	-	-	Fair,	Guard set screws; keep stairs and passageways free of bicycles.	Complied.
Robinson Bros.,	Jewelry,	41	15	-	4	Fair,	Guard set screws; keep stairs and passageways clear of bicycles.	Complied.
Scofield, Melcher & Scofield,	Jewelry,	40	35	-	2	Fair,	Post list of children; keep stairs and passageways clear of bicycles.	Complied.
Mainlieu Bros. & Elliott,	Jewelry,	34	6	-	2	Fair,	Guard set screws; post time tables; keep stairs and passageways clear of bicycles.	Complied.
Whiting & Davis,	Silver novelties,	43	20	-	-	Fair,	Keep stairs and entry clear of bicycles,	Complied.
Plainville Stock Co.,	Jewelry,	82	10	-	-	Fair,	Keep stairs and entry clear of bicycles,	Complied.
Weymouth.								
Gordon-Kiley Co.,	Boots and shoes,	80	20	-	-	Fair,	Guard set screws; control power on sewing-machine shafts; rail dynamo; box belts and pulleys on stripper and dinker	Complied.
M. C. Dizer,	Boots and shoes,	525	125	-	-	Fair,	Procure certificate,	Complied.
E. Sherman's Sons,	Wood and paper boxes,	21	20	-	-	Fair,	Guard set screws; rail crank shaft and fly wheel,	Complied.
E. S. Hunt & Sons,	Fireworks,	28	20	-	4	Fair,	Procure certificates; post and keep on file lists of children.	-
Torrey, Curtis & Tirrell,	Boots and shoes,	100	30	-	-	Fair,	Guard set screws and couplings,	Complied.
South Weymouth Steam Laundry,	Laundry,	6	17	-	1	Good,	Procure certificate; post and keep on file list of children.	-
Whitman.								
United States Shoe Co.,	Boots and shoes,	90	40	-	2	Fair,	Guard set screws,	Complied.
Old Colony Boot & Shoe Co.,	Boots and shoes,	110	40	-	2	Fair,	Repair boxing on sewing-machine shaft; guard set screws; procure certificates; post and keep on file lists of children.	Complied.

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DISTRICT NO. 8 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Whitman — Con.								
Reed Tack Co.,	Tacks,	4	1	-	-	-	Shipper for chopper,	Complied.
Commonwealth Shoe & Leather Co.,	Boots and shoes,	950	350	-	12	Fair,	Guard set screws; new cable for counter-weight; box belts and pulleys.	Complied.
Holbrook & Keene,	Cut leather,	12	-	-	-	Fair,	Guard set screws and roller,	Complied.
Walter Pearson & Co.,	Machinery,	12	-	-	-	Fair,	Guard set screws; cover gear on drill; box belt; case pulley.	Complied.
Jenkins Bros,	Coffins and caskets,	57	28	-	4	Fair,	Guard set screws,	Complied.
D. A. Gurney & Co.,	Shanks,	22	18	-	3	Fair,	Post and keep on file list of children,	Complied.

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REPORT OF INSPECTOR SHEEHAN.

I have the honor to submit the following report of work done during the past year in District No. 9.

It gives me great pleasure to report an increase this year over last year in the shoe and leather business. There has been a larger number of persons employed in the mills; two cotton mills that were shut down have commenced to run, and there is a good prospect that the increased activity will continue.

Chapter 494, Acts of 1898, that "no child under fourteen years of age shall be employed in any factory, workshop or mercantile establishment," has been well received. The raising of the standard of years, or age, at which children may be permitted to be employed in manufacturing and mercantile establishments is a most wholesome and desirable change; and I am happy to be able to report that the great majority of the people, without regard to station or calling, have been highly gratified with it. I am satisfied that results will amply justify the wisdom of the Legislature in having made the change. It seems almost incredible that there would be any desire to violate the fifty-eight hour law for the employment of women and minors at a time when business is not supposed to be very brisk; but it not infrequently happens that we are called upon to act promptly and vigorously in order to prevent the employment of women and minors over the maximum number of hours allowed, that is, fifty-eight per week, and in two instances during the year it became necessary to prosecute the manufacturers for violation of this law. In justice to the larger establishments, I must say that they comply cheerfully.

I give a great deal of time annually to the inspection of the elevators in this district. Great care is taken of the elevators in some factories, and careful men are employed to operate them. The cables are examined each week, and the safety devices kept free from rust and tested frequently. In other places visited, good appliances were found, but no special care was taken of them; the eye bolts had become corroded with rust, and would not drop to release springs throwing out clutches on sides. The steam from dye houses and acids in other factories corrode iron very quickly, and safety appliances on the elevators are not apt to work in such places when tested. The elevator wells are guarded by automatic gates and self-closing hatches. In some instances these hatches are used as a passageway, which is at all times dangerous and positively forbidden.

Although a great deal has been done to prevent accidents in factories, there is still room for considerable improvement. Ex-

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posed gearing has proved a source of great danger. Manufacturers, when buying new machinery, should insist upon the gears being guarded at exposed parts, for it is decidedly cheaper and easier to have this done at the machine shops where they are built than at the factories where they are used. Many accidents have occurred in factories by the operatives being caught on projecting set screws, and they cannot be looked after too carefully. Projecting ends of shafting, where exposed, and liable to come in contact with the clothing of the operatives, are another source of danger, and in more than one instance have caused fatal accidents. Pulleys running too close to each other, without any precaution to prevent belts from slipping between them, are the cause of many accidents, which, if not of so serious a nature to the operative, are decidedly so to the machinery.

Friction clutches that will shut off the power in any part of the factory are coming into general use in the new factories, and are a source of protection to the operatives, as well as at many times a saving to the manufacturer. In throwing on heavy belts, the speed can be started slowly and belts run on, thereby lessening the danger of being caught by the belt and thrown around the shafting. In case of the breaking down of shafting or any part of machinery, the power can be cut off immediately in any section without shutting down the whole factory.

In conclusion, I am pleased to say that a cordial reception has been given the inspector, while words of encouragement and hopes of good results have been expressed by manufacturers so frequently as to clearly indicate the sympathy of employers with the law and its thorough enforcement.

Summary.

Cities and Towns.	Number of Inspections.	Number Employed.		Minors between 14 and 16 Years.	
		Males.	Females.	Males.	Females.
Amesbury,	25	1,551	654	30	21
Beverly,	30	1,270	599	11	2
Bradford,	11	363	155	9	3
Danvers,	15	614	249	-	1
Georgetown,	4	175	25	-	-
Groveland,	3	261	158	14	9
Gloucester,	11	434	257	3	3
Haverhill,	138	5,940	2,821	15	31
Ipswich,	5	345	265	23	18

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Summary — Concluded.

Cities and Towns.	Number of Inspections.	Number Employed.		Minors between 14 and 16 Years.	
		Males.	Females.	Males.	Females.
Lynn,	182	9,857	4,070	72	37
Marblehead,	12	496	244	-	-
Manchester,	6	66	17	-	-
Middleton,	2	80	20	2	-
Merrimac,	6	135	1	-	-
Newburyport,	28	1,779	986	48	13
Newbury,	2	95	16	1	-
West Newbury,	3	66	22	1	-
Peabody,	25	1,314	187	4	-
Rockport,	4	1,098	2	-	-
Rowley,	7	219	44	6	4
Salem,	57	2,766	1,857	81	88
Saugus,	4	49	40	-	-
Topsfield,	5	52	20	-	-
Totals,	585	29,025	12,698	320	230

Number of establishments inspected,	585
Number of elevators inspected,	277
Number of orders issued,	231
Number of compliances,	231
Total number of persons employed,	41,723
Total number of males employed,	29,025
Total number of females employed,	12,698
Number of male minors between fourteen and sixteen years,	320
Number of female minors between fourteen and sixteen years,	230
Number of buildings with poor egress reported to Inspector Cheney,	6

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DISTRICT No. 9, ... JOHN J. SHEEHAN, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Amesbury.								
Hamilton Woollen Co.,	Cotton cloth,	290	400	-	35	Good,	Provide new cables for elevators in Mills No. 8 and No. 2.	Complied.
Atwood Manufacturing Co.,	Carriage lamps,	48	2	-	-	Good,	Box belts and pulleys in grinding room,	Complied.
A. L. Lewis Co.,	Ladies' night robes,	4	34	-	-	Good,	Post time tables,	Complied.
Gray & Davis,	Carriage lamps,	30	2	-	-	Good,	Post time table,	Complied.
Hume Carriage Co.,	Carriages,	84	6	-	-	Good,	Post time table,	Complied.
Walker Carriage Co.,	Carriages,	28	2	-	-	Good,	Box belts and pulleys on third floor,	Complied.
Merrimac Hat Co.,	Fur hats,	241	88	-	9	Fair,	Guard crank shafts of pushing machines,	Complied.
Beverly.								
Seth Norwood Shoe Co.,	Boots and shoes,	20	10	-	-	Fair,	Guard fly wheel and crank shaft of engine; guard elevator well on second and third floors.	Complied.
C. L. Elliott,	Boots and shoes,	36	4	-	1	Good,	Box gear wheels of nailer machine; guard shafting; provide shipper for belt in stitching room.	Complied.
W. G. Evans,	Men's boots,	15	-	-	-	Good,	Provide shipper for belt in stitching room,	Complied.
Naumkeag Buffing Association,	Felt pads,	3	8	-	-	Good,	Post time table,	Complied.
Whitman Manufacturing Co.,	Novelties,	3	15	-	1	Good,	Box belts and pulleys on first floor,	Complied.
Woodbury Bros.,	Boots and shoes,	250	150	-	9	Fair,	Guard shafting in stitching room,	Complied.
Walter E. Tuck,	Boots and shoes,	20	10	-	-	Fair,	Guard elevator well on third floor; provide shippers for belts in stitching room; connect third floor with engineer's room.	Complied.

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J. H. Hinkley & Co.,	Boots and shoes,	33	32	-	1	Good,	Guard shafting; provide shippers for belts in stitching room.	Complied.
R. E. Larcom,	Boots and shoes,	47	30	-	1	Fair,	Guard shafting; provide shippers for belts in stitching room.	Complied.
J. H. Baker,	Boots and shoes,	50	35	-	-	Fair,	Repair self-closing hatches on first floor; connect each floor with engineer's room.	Complied.
J. A. Wallis & Sons,	Boots and shoes,	50	25	-	-	Fair,	Connect each floor with engineer's room,	Complied.
Bradford.								
J P. Gilman & Son,	Wool hats,	92	33	-	6	Fair,	Guard fly wheel of engine; connect each floor with engineer's room.	Complied.
Lakin Heel Co.,	Heels,	20	7	-	-	Good,	Post time table; guard fly wheels of engine,	Complied.
L. C. Ring,	Window and door frames.	16	-	-	-	Good,	Guard fly-wheel of engine; guard irregular moulding machine; connect each floor with engineer's room.	Complied.
Lowell, Lawrence & Haverhill Power Station.	Electricity,	6	-	-	-	Good,	Provide guard railings around generators in engine room.	Complied.
Karl E. Schlosstien,	Ale and porter,	6	-	-	-	Good,	Box belts on second floor,	Complied.
M. A. Howe,	Paper boxes,	8	27	-	-	Good,	Provide new cable for elevator; connect each floor with engineer's room.	Complied.
Island Park Co.,	Wooden boxes,	25	-	-	-	Good,	Connect each floor with engineer's room,	Complied.
Danvers.								
Bernard, Friedman & Co.,	Morocco leather,	200	2	-	-	Fair,	Place guard railings on both sides of pin wheels; provide hooks to hold the shippers in place when the pin wheels are not in motion.	Complied.
Donovan & Shea,	Boots and shoes,	30	15	-	-	Fair,	Guard fly wheel and crank shaft of engine; guard dinker machine; guard shafting; provide loose pulleys and shippers for belts in stitching room.	Complied.
H. M. Bradstreet & Co.,	Men's neckwear,	6	50	-	-	Good,	Provide loose pulley and shipper for belt in stitching room.	Complied.
W. H. Cook & Co.,	Men's neckwear,	-	12	-	-	Good,	Post time table,	Complied.
C. C. Farwell & Co.,	Boots and shoes,	100	50	-	-	Fair,	Guard fly wheel of engine; repair safety devices on dinker machines	Complied.
Mass. Glove Co.,	Kid gloves,	11	19	-	1	Good,	Post time tables; guard fly wheel of engine; provide shipper for belt in stitching room.	Complied.
A. H. Putnam & Co.,	Felt shoes,	11	9	-	-	Good,	Guard fly wheels of engine; cover set screws on shafting; connect each floor with engineer's room.	Complied.

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DISTRICT NO. 9 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Georgetown.								
Pentucket Shoe Co.,	Boots and shoes,	40	20	-	-	Good,	Provide loose pulley and shipper for belt in stitching room; provide shipper ropes for elevator.	Complied.
Groveland.								
Groveland Mills,	Dress goods,	261	158	-	23	Good,	Provide locks for elevator gates in Mills Nos. 1 and 2; connect each floor with engineer's room at Mill No. 2; box belt on second floor.	Complied.
Gloucester.								
Cape Ann Shoe Co.,	Boots and shoes,	120	115	-	6	Good,	Connect second floor with engineer's room,	Complied.
Haverhill.								
Walter H. Page,	Slippers,	50	20	-	-	Fair,	Post time table,	Complied.
Charles K. Fox,	Boots and shoes,	100	50	-	1	Good,	Post time tables; guard roller machine; guard shafting; provide shipper for belt in stitching room; box belt on floor and over benches in making room; adjust hoisting machinery of elevators.	Complied.
Jennings, Briggs & Co.,	Boots and shoes,	26	4	-	-	Fair,	Box belt on second floor; guard elevator well on second floor.	Complied.
Coppen & Brown,	Pasted shoe stock,	7	8	-	-	Good,	Box belt on second floor; provide additional closet,	Complied.
M. C. Cram,	Boots and shoes,	60	40	-	1	Good,	Provide new hoisting cable for elevator car,	Complied.
J. Irving Benedict & Son,	Slippers,	8	3	-	-	Good,	Post time table,	Complied.
A. A. Hudson,	Pasted shoe stock,	4	9	-	-	Good,	Box belt on second floor; box fly wheel of roller machine.	Complied.

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George A. Burnham,	Shoe counters,	25	-	-	-	Good,	Guard roller machine; box fly wheel of moulding machine.	Complied.
F. S. & H. H. Gage,	Shoes,	40	10	-	-	Fair,	Guard dinker machine; provide new cable for elevator car.	Complied.
H. S. Sprague,	Boots and shoes,	39	1	-	-	Fair,	Box belts and pulleys in making room,	Complied.
C. H. Hayes,	Wood and paper boxes,	35	50	-	1	Good,	Guard fly wheel of engine; box belt on first floor,	Complied.
W. H. Gould,	Boots and shoes,	30	15	-	-	Fair,	Box overhead belt carrying power to basement,	Complied.
E. L. Wood & Co.,	Paper boxes,	8	17	-	-	Good,	Provide new cable for elevator,	Complied.
J. W. Proctor,	Innersoles,	20	-	-	-	Good,	Provide new cable for elevator,	Complied.
O. A. Martin & Co.,	Slippers,	30	10	-	-	Good,	Guard shafting; box belt in stitching room,	Complied.
Thomas M. Cook,	Pasted shoe stock,	12	3	-	-	Good,	Designate water-closet,	Complied.
Peter Tessier & Co.,	Boots and shoes,	20	-	-	-	Fair,	Clean and oil elevator machinery,	Complied.
Haverhill Counter Co.,	Shoe counters,	25	-	-	-	Good,	Provide new cable for elevator; box belt; place railing around steam fan on fifth floor.	Complied.
Chesley & Rugg,	Boots and shoes,	261	141	-	1	Fair,	Box belts; provide shippers for belts in stitching room,	Complied.
B. B. Gilman & Co.,	Shoe counters,	8	-	-	1	Good,	Box belts and pulleys of beam dinking machine,	Complied.
T. S. Ruddock & Son,	Boots and shoes,	263	106	-	1	Good,	Clean, oil and repair fan under elevator car; repair self-closing hatches on first floor.	Complied.
F. M. Hodgdon,	Boots and shoes,	221	118	-	-	Fair,	Provide ventilating fan for making room; provide new cable for elevator car.	Complied.
Chick Bros,	Boots and shoes,	430	175	-	18	Fair,	Provide new cable for elevator car,	Complied.
Webster & Tabor,	Boots and shoes,	140	60	-	-	Good,	Provide new cable for elevator car,	Complied.
Thayer, Maguire & Field,	Boots and shoes,	225	125	-	-	Good,	Provide new cable for elevator car,	Complied.
Twombly & Rouleau,	Boots and shoes,	25	15	-	-	Fair,	Guard shafting in stitching room,	Complied.
Pentucket Wood Heel Co.,	Wood heels,	15	10	-	-	Good,	Box belts; guard shafting,	Complied.
Little River Mill,	Dress goods,	11	25	-	-	Good,	Guard crank shaft of engine,	Complied.
Stevens & Co.,	Dress goods,	65	80	-	-	Good,	Box belts in picker room,	Complied.

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DISTRICT NO. 9 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Haverhill — Con.								
Lennox & Briggs,	Morocco leather,	138	27	-	-	Fair,	Provide new cable for elevator car; box belts on first and second floors.	Complied.
J. H. Winchell & Co.,	Boots and shoes,	500	350	-	15	Fair,	Provide new cable for elevator car,	Complied.
W. C. Lewis Shoe Co.,	Boots and shoes,	90	50	-	-	Fair,	Provide new cable for elevator car,	Complied.
Noyes, Reed & Co.,	Boots and shoes,	100	50	-	-	Fair,	Box belts and pulleys on second floor,	Complied.
Star Laundry,	Laundry,	5	10	-	-	Good,	Box belts and pulleys of mangle machine,	Complied.
Troy Steam Laundry,	Laundry,	4	8	-	-	Good,	Designate water-closet; provide additional closet,	Complied.
New England Steam Laundry,	Laundry,	3	7	-	-	Good,	Post time table; designate closets,	Complied.
Garvin & Short,	Tailors,	6	4	-	-	Poor,	Post time table; clean and ventilate closets,	Complied.
New England Telephone Co.,	Communication room,	5	12	-	-	Poor,	Provide ventilating fan on second floor,	Complied.
C. S. Poor,	Boots and shoes,	25	-	-	-	Fair,	Provide loose pulley and shipper for belt to control power in making room.	Complied.
D. T. Dudley,	Shoe laces,	1	16	-	-	Good,	Designate water-closets,	Complied.
Fannie Turner,	Shoe stitching,	-	18	-	-	Good,	Guard shafting in stitching room,	Complied.
Ipswich.								
Globe Match Co.,	Matches,	12	13	-	-	Good,	Box belts on first floor,	Complied.
Burke, Bamford Shoe Co.,	Boots and shoes,	25	25	-	-	Fair,	Guard dinker machine,	Complied.

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Ipswich Mills Co.,	Hosiery,	301	220	-	41	Good,	Guard pulley in card room; remove set screws from shafting; connect each floor with engineer's room.	Complied.
Star Laundry Co.,	Laundry,	4	4	-	-	Good,	Post time table,	Complied.
Ipswich Steam Laundry,	Laundry,	3	3	-	-	Good,	Post time table,	Complied.
Lynn.								
Lecroix Bros.,	Shoe counters,	60	-	-	-	Good,	Guard belts and pulleys on third floor,	Complied.
Frank E. Vincent,	Wood and paper boxes,	30	30	-	-	Good,	Guard staying machines and remove set screw from shaft of nailing machine.	Complied.
Angell Elevator Lock Co.,	Elevator locks,	20	-	-	-	Good,	Box belt on third floor,	Complied.
James E Phelan,	Boots and shoes,	45	30	-	1	Fair,	Provide safety device for dinker machine,	Complied.
Joseph Dickinson,	Slippers,	64	32	-	2	Fair,	Post time tables; guard shafting in stitching room; provide safety device for dinker machine.	Complied.
Thomas Corcoran & Sons,	Boots and shoes,	50	40	-	-	Fair,	Guard shafting in stitching room; repair and clean water-closet.	Complied.
Strout & Sager,	Boots and shoes,	25	11	-	-	Fair,	Guard shafting in stitching room,	Complied.
Weber Leather Co.,	Morocco leather,	75	-	-	-	Fair,	Provide new cable for elevator car; box pin wheels in basement.	Complied.
L. J. Richard & Co.,	Boots and shoes,	23	2	-	-	Fair,	Guard roller machine,	Complied.
Barker & Lord,	Slippers,	27	13	-	-	Good,	Provide shipper for belt in stitching room,	Complied.
Hurley & Cashman,	Boots and shoes,	140	60	-	2	Fair,	Guard shafting in stitching room,	Complied.
Arthur E. Gloyd,	Boots and shoes,	30	20	-	-	Fair,	Guard roller and dinker machines,	Complied.
Cushman & Hebert,	Boots and shoes,	32	18	-	-	Fair,	Guard shafting and provide shippers for belts in stitching room; guard roller and dinker machines.	Complied.
F. A. Abbott,	Boots and shoes,	58	42	-	-	Fair,	Provide new cable for elevator car; guard shafting in stitching room; guard roller and dinker machines.	Complied.
Luddy & Currier,	Boots and shoes,	150	100	-	3	Fair,	Box belt on fifth floor; guard dinker machine,	Complied.
Murray Shoe Co.,	Boots and shoes,	75	30	-	-	Good,	Provide new cable for elevator car,	Complied.
A. E. Little & Co.,	Boots and shoes,	325	225	-	3	Fair,	Provide two additional water-closets in stitching room,	Complied.

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DISTRICT NO. 9 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Lynn — Con.								
Mrs. C. H. King,	Boots and shoes,	38	30	-	-	Good,	Post time tables; designate closets; box belt and guard shafting in stitching room and provide shipper for belt on fourth floor.	Complied.
Belonga & Leonard,	Boots and shoes,	18	20	-	-	Fair,	Post time tables; designate closets; provide shipper for belt in stitching room.	Complied.
Copeland, Eldridge Co.,	Boots and shoes,	100	30	-	-	Fair,	Repair hoisting machinery of elevator; repair self-closing hatches on second and third floors.	Complied.
Williams, Clark & Co.,	Boots and shoes,	200	125	-	1	Fair,	Provide new cable for elevator car,	Complied.
Charles F. Fox,	Boots and shoes,	25	15	-	-	Good,	Guard roller and dinker machines,	Complied.
D. F. Hooley,	Boots and shoes,	8	2	-	-	Good,	Box belts and pulleys on third floor,	Complied.
Charles L. Gay & Co.,	Innersoles,	6	2	-	-	Good,	Guard roller machine,	Complied.
S. F. Norwood,	Shoe stitching,	-	15	-	-	Good,	Guard shafting and provide shipper for belt in stitching room.	Complied.
Bailey & Curtis,	Boots and shoes,	30	20	-	-	Good,	Repair safety device on dinker machine,	Complied.
Young & Sampson,	Shoe counters,	25	-	-	-	Good,	Provide new cable for elevator car,	Complied.
Morse, Canniffe & Logan,	Boots and shoes,	55	40	-	-	Fair,	Provide new cable for elevator car,	Complied.
American Slipper Co.,	Slippers,	27	8	-	-	Good,	Repair dinker machine,	Complied.
D. H. Shillaber,	Boots and shoes,	25	-	-	-	Fair,	Box pulleys and shafting on third floor; guard dinker machine.	Complied.
W. D. Sprague,	Boots and shoes,	23	2	-	-	Fair,	Post time tables,	Complied.
C. L. Nason,	Shoe stitching,	-	12	-	-	Good,	Provide loose pulley and shipper for belt,	Complied.

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Morning Star Shoe Co.,	Boots and shoes,	15	20	-	-	Fair,	Post time tables; provide new cable for elevator car; guard shafting in stitching room; guard belts and pulleys on fifth floor; guard roller machine.	Complied.
G. L. Preble,	Boots and shoes,	15	8	-	-	Fair,	Provide shipper for belt,	Complied.
Cook & Hart,	Slippers,	50	20	-	-	Fair,	Provide shipper for belt in stitching room,	Complied.
Pierce & Sibley,	Slippers,	30	16	-	-	Fair,	Provide loose pulleys and shippers for belts in stitching room.	Complied.
Benj. R. Jones,	Machine needles,	12	3	-	-	Good,	Cover set screws on shafting; designate water-closets,	Complied.
Welch & Landregan,	Boots and shoes,	282	150	-	7	Fair,	Guard shafting in stitching room; repair guard on dinker machines.	Complied.
Maurice Flynn,	Boots and shoes,	125	75	-	1	Fair,	Guard shafting in stitching room,	Complied.
Littlefield & Plummer,	Wood and paper boxes,	38	50	-	1	Good,	Box belts and pulleys of wood chopping machine,	Complied.
Francis C. Stickney,	Boots and shoes,	30	5	-	-	Fair,	Guard dinker machine; designate water-closets,	Complied.
Charles E. Blake & Co.,	Boots and shoes,	40	25	-	-	Fair,	Guard dinker machine,	Complied.
Eaton & Hobbs,	Pop corn,	12	-	-	-	Good,	Post time table,	Complied.
C. F. Mulcahy,	Pasted shoe stock,	7	8	-	-	Good,	Box belts and pulleys on second floor,	Complied.
Hennessey Shoe Co.,	Boots and shoes,	80	50	-	1	Good,	Guard shafting and provide shippers for belts in stitching room.	Complied.
American Ordnance Co.,	Projectiles,	168	15	-	-	Good,	Guard fly wheels of engine,	Complied.
Marblehead.								
A. J. Foster,	Morocco leather,	75	-	-	-	Fair,	Guard elevator well on each floor; box belt on second floor; rail fly wheels of staking machines.	Complied.
Humphrey & Paine,	Boots and shoes,	18	12	-	-	Good,	Provide shipper for belt in stitching room.	Complied.
Symonds, Coats & Co.,	Boots and shoes,	24	16	-	-	Good,	Guard fly wheel and crank shaft of engine,	Complied.
North Shore Shoe Co.,	Boots and shoes,	50	30	-	-	Fair,	Guard roller machine; connect second floor with engineer's room.	Complied.

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DISTRICT NO. 9 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Manchester.								
Manchester Steam Laundry,	Laundry,	3	9	-	-	Good,	Post time tables; designate water-closets,	Complied.
King's Hand Laundry,	Laundry,	-	8	-	-	Good,	Post time table,	Complied.
Middleton.								
Middleton Paper Co.,	Wall papers,	53	7	-	2	Good,	Box belts on second floor; pay help weekly,	Complied.
Merrimac.								
Merrimac Wheel & Gear Co.,	Wheels and gears,	15	-	-	-	Good,	Connect two floors with engineer's room,	Complied.
H. G. & H. W. Stevens,	Carriages,	49	1	-	-	Good,	Box belts on second floor,	Complied.
Newburyport.								
Dodge Bros.,	Boots and shoes,	193	117	-	12	Good,	Connect each floor with engineer's room,	Complied.
Newburyport Car Manufacturing Co.,	Electric cars,	100	-	-	-	Good,	Connect each floor with engineer's room,	Complied.
Royal Laundry,	Laundry,	2	4	-	-	Good,	Post time table,	Complied.
J. L. Walker,	Boots and shoes,	95	55	-	6	Good,	Designate closets; post time tables,	Complied.
E. P. Dodge Shoe Manufacturing Co.,	Boots and shoes,	177	133	-	15	Fair,	Provide loose pulleys and shippers for belts in stitching room; connect each floor with engineer's room.	Complied.
Brackett Manufacturing Co.,	Shoe counters,	25	15	-	-	Good,	Provide new cable for elevator car; connect each floor with engineer's room.	Complied.

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Newburyport Shoe Co.,	Boots and shoes,	125	75	-	5	Fair,	Provide shipper for belt in making room,	Complied.
Dodge, Bliss & Co.,	Boots and shoes,	77	38	-	-	Good,	Box belt and pulley on second floor; cover set screws on shafting; connect each floor with engineer's room.	Complied.
Newburyport Item,	Newspaper,	4	2	-	-	Good,	Box belts on second floor; provide shipper for belt on paper cutter.	Complied.
Merrimac Box Co.,	Wood and paper boxes,	4	14	-	-	Good,	Post time table,	Complied.
Peabody Manufacturing Co.,	Cotton cloth,	91	184	-	4	Good,	Connect each floor with engineer's room,	Complied.
The Fibreloid Co.,	Collars and cuffs,	83	56	-	10	Good,	Connect each floor with engineer's room,	Complied.
W. H. Noyes & Bro.,	Horn combs,	84	10	-	1	Fair,	Connect each floor with engineer's room; box belts on third and fourth floors.	Complied.
G. W Richardson Co.,	Horn combs,	53	3	-	3	Fair,	Guard fly wheels of engine; connect each floor with engineer's room.	Complied.
Newbury.								
Byfield Woolen Co.,	Felts and blankets,	87	16	-	1	Fair,	Guard fly wheel and crank shaft of engine and fly wheels and drive wheels of pushing machines; box belts on first floor; box belt on main drive wheel in basement; guard elevator well on second and third floors; connect each floor with engineer's room.	Complied.
Byfield Snuff Co.,	Snuff,	8	-	-	-	Good,	Box belts on second floor,	Complied.
West Newbury.								
West Newbury Laundry,	Laundry,	2	5	-	-	Good,	Post time table,	Complied.
S. C. Noyes & Co.,	Horn combs,	31	5	-	1	Fair,	Box belts and pulleys on second floor; guard fly wheel of engine.	Complied.
Peabody.								
Peter R. Gill,	Morocco leather,	40	-	-	-	Fair,	Guard pin wheel in basement,	Complied.
P. Lennox & Co.,	Morocco leather,	150	-	-	-	Fair,	Provide new cable for elevator car; box belts on first and second floors.	Complied.
Leviseur Bros. & Co.,	Morocco leather,	80	-	-	-	Fair,	Place railing around fan in drying room; guard fly wheel of engine.	Complied.
George Clerk,	Morocco leather,	30	-	-	-	Fair,	Guard pin wheels and presser machine on first floor,	Complied.

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DISTRICT No. 9 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Peabody — Con.								
Danvers Bleachery,	Dyeing and bleaching,	133	24	-	4	Good,	Box gear wheels of calender machines,	Complied.
M. Kelly,	Morocco leather,	15	-	-	-	Fair,	Box pin wheels on first floor,	Complied.
Rockport.								
L. M. Haskins,	Isinglass,	40	-	-	-	Good,	Guard elevator well on second floor; box pulleys in soaking room.	Complied.
Carter, Rice & Co.,	Gum paper and cloth,	13	2	-	-	Good,	Designate water-closets; cover set screws and cog wheels of gumming machines.	Complied.
Rowley.								
F. L. Burke,	Pasted shoe stock,	80	20	-	8	Good,	Post time tables; provide certificates for minors,	Complied.
S. A. Boynton,	Pasted shoe stock,	20	5	-	-	Good,	Post time tables,	Complied.
Salem.								
W. H. Kelly & Co.,	Heels,	82	18	-	3	Fair,	Post time tables,	Complied.
James A. Lord,	Pasted shoe stock,	5	20	-	-	Fair,	Guard fly wheel of engine; box shafting on second floor,	Complied.
Almy, Bigelow & Co.,	Dry goods,	65	110	-	12	Good,	Ventilate room containing men's closets,	Complied.
M. Shortell & Son,	Boots and shoes,	48	42	-	-	Fair,	Box belts and pulleys on first floor,	Complied.
Denis Brady,	Boots and shoes,	45	30	-	1	Fair,	Guard roller machine; box belts on second floor; provide shippers for belts in stitching room.	Complied.

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W. P. & E. T. Halmon,	Leather,	20	-	-	-	Fair,	Guard opening on first floor; provide hook to hold shipper of pin wheel when not in motion.	Complied.
Charles R. Brainard & Co.,	Morocco leather,	25	-	-	-	Fair,	Guard fly wheel of engine; box belt on second floor,	Complied.
Salem Leather Co.,	Shoe rands,	10	2	-	-	Good,	Post time table,	Complied.
J. H. Ellis & Co.,	Leather belts,	7	2	-	-	Good,	Post time table,	Complied.
P. Frank Packard,	Shoe cutting,	8	-	-	-	Good,	Post time table,	Complied.
Charles S. Fuller & Co.,	Boots and shoes,	135	93	-	6	Fair,	Connect each floor with engineer's room,	Complied.
West India Fibre Co.,	Curled coir hair,	75	-	-	3	Good,	Connect each floor with engineer's room,	Complied.
Naumkeag Steam Cotton Co.,	Cotton cloth,	596	861	-	104	Good,	Provide new cable for elevator car No. 5,	Complied.
Topsfield.								
H. L. Hobson,	Boots and shoes,	8	10	-	-	Fair,	Post time tables; guard roller machine; provide loose pulley and shipper for belt in stitching room; place railing around boiler on first floor.	Complied.

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Report of Inspector Dam.

I respectfully submit, in tabulated form, a report of inspections made where orders were issued, also a summary of work performed in District No. 10 during the past year.

I find about the same duties have to be attended to as in previous years, which require constant care and exercise of judgment and discretion.

In regard to the employment of minors between fourteen and sixteen years, the disposition seems to be not to employ any if it can be avoided. There have been several cases found where minors were at work without certificates, but these were promptly furnished on notification. Several minors under fourteen years were found at work, and sent out.

But few accidents have occurred (none fatal), and they were of a minor nature, caused by carelessness of those injured.

Inspection has been made of about all the elevators in the district, and the safety devices thoroughly tested. Orders have been given to remedy defects, and have been complied with. The elevators are all in fairly good condition at present, and, with proper care, accidents should not occur.

The usual orders for the guarding of dangerous machinery have been given, caused by changes that are being made in location, etc.

The sanitary conditions are very good in all establishments, yet require constant care to maintain healthful conditions.

The laws relating to the employment of women and minors in manufacturing establishments do not appear to be fully understood by manufacturers in this district, as I have had to make complaint for violation of section 11, chapter 508, Acts of 1894, in one case. The impression seems to be that if they do not exceed fifty-eight hours per week they do not violate the law; that they can stop the machinery for any reasonable time, for any cause, and run to make up the time lost.

In conclusion, I would state that the general condition of the district is good and my relations with all satisfactory.

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Summary.

CITIES AND TOWNS.	Inspections.	Males.	Females.	Minors between 14 and 16 Years.
Adams,	28	1,610	1,176	193
Alford,	2	4	–	–
Becket,	8	68	22	–
Bernardston,	4	32	–	–
Buckland,	5	233	34	11
Cheshire,	4	70	–	2
Charlemont,	6	35	–	–
Clarksburg,	5	114	41	5
Conway,	6	110	54	11
Colrain,	3	251	67	20
Dalton,	9	411	432	16
Deerfield,	2	22	57	–
Erving,	7	201	72	3
Egremont,	1	45	–	–
Florida,	2	5	–	–
Gill,	2	92	–	–
Greenfield,	53	856	194	13
Great Barrington,	16	601	235	23
Hawley,	2	15	–	–
Hinsdale,	2	156	108	18
Lee,	13	231	217	1
Lenox,	6	27	–	–
Lanesborough,	1	50	–	–
Montague,	14	840	342	48
North Adams,	77	3,735	2,688	227
Orange,	17	897	112	25
Peru,	1	7	–	–
Pittsfield,	88	2,498	1,389	190
Richmond,	3	60	–	–
Sheffield,	2	18	–	1
Shelburne,	5	52	–	1
Stockbridge,	2	34	10	–
Savoy,	5	16	–	–
Wendell,	2	38	36	–
Windsor,	3	15	–	–
West Stockbridge,	1	3	–	–
Williamstown,	11	239	90	32
	418	13,698	7,380	840

Number of inspections,	418
Number of orders issued,	166
Number of compliances,	164
Number between fourteen and sixteen years,	840
Number of males employed,	13,698
Number of females employed,	7,380
Total number employed,	21,078
Elevators inspected and tested,	210

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DISTRICT No. 10, ... CHAS. A. DAM, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Adams.								
O. G. Boorm, ...	Printer, ...	3	1	-	1	Good, .	Post time notice; procure certificate, ...	Complied.
Renfrew M'f'g Co., No. 3 Mill, . .	Dye house, . . .	16	-	-	-	Good, .	Repair elevator gates, ...	Complied.
Troy Laundry, ...	Laundry, . . .	5	-	1	-	Fair, .	Post time notice; boy under 14 years sent out, . .	Complied.
Renfrew M'f'g Co., No. 1 Mill, . .	Cotton yarns, . .	52	38	-	10	Fair, .	Provide communication between rooms and engine room; repair elevator gates; cover set screws.	Complied.
Adams Bros. Manufacturing Co., .	Cotton yarns, . .	46	24	-	8	Fair, .	Provide communication between rooms and engine room.	Complied.
Renfrew M'f'g Co., No. 6 Mill, . .	Cotton yarns, . .	64	27	-	5	Poor, .	Provide communication between rooms and engine room; rail stairs to picker and dye house; provide new seats and floor for closets in spinning room.	Complied.
Greylock Shirt Co., ...	Gents' shirts, . .	20	60	-	1	Good, .	Provide friction clutch for all machine tables; cover set screws on shafting.	Complied.
Berkshire Cotton Manufacturing Co.,	Cotton cloth, . . .	778	620	-	96	Good, .	Guard fly wheel No 3 mill, and crank shafts of engines in No. 1 and No. 2 mills; provide seats for females.	Complied.
Becket.								
Becket Silk Co., ...	Sewing silk, . . .	4	4	1	-	Good, .	Separate and designate closets; boy under 14 years sent out.	Complied.
Clarksburg.								
Strong, Hewat & Co., ...	Woollen cloth, . .	104	41	-	5	Fair, .	Provide communication between rooms and engine room; designate closets; guard belts of saw and press.	Complied.
Colrain.								
Massaemet Yarn Mills, ...	Cotton yarns, . .	50	13	-	7	Fair, .	Rail stairs to basement; post time notices; adjust springs to elevator; lengthen pawls.	Complied.

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Griswoldville M'f'g Co., No. 1 Mill,	Cotton cloth,	112	23	-	7	Good,	Post time notices; guard gears of tentering machine; adjust springs of elevator.	Complied.
Griswoldville M'f'g Co., No. 2 Mill,	Cotton cloth,	89	31	-	6	Good,	Post time notices; put bar on gate at elevator well on bottom floor.	Complied.
Erving.								
Millers Falls Co., Upper Mill,	Iron novelty goods,	175	3	-	3	Fair,	Adjust safety device of elevator,	Complied.
Greenfield.								
A. F. Towle & Son Co.,	Silversmiths,	83	14	-	3	Good,	Post time notice in case room; guard set screws on shafting.	Complied.
Greenfield Lumber Co.,	Finish lumber,	7	-	-	-	Good,	Rail belt holes,	Complied.
Rug Manufacturing Co.,	Wood shovels,	25	-	-	-	Fair,	Guard set screws on shafting,	Complied.
Chas. R. Field Manufacturing Co.,	Children's carriages,	22	-	-	-	Good,	Post time notices; guard upright belt, also belt on sanding machine.	Complied.
Chas. N. Wood,	Paper boxes,	3	2	-	-	Fair,	Post time notice,	Complied.
Troy Steam Laundry,	Laundry,	4	2	-	-	Fair,	Guard belt of engine; post time notice; designate closets.	Complied.
Chas. D. Shaw,	Bakery,	15	-	-	-	Good,	Guard gears on brake machine,	Complied.
Domestic Laundry Co.,	Laundry,	4	2	-	-	Good,	Post time notice,	Complied.
Cutler, Lyon & Field,	Shoes,	83	52	1	12	Good,	Provide shipper for belt of machine table; procure certificates for three minors; boy under 14 years sent out.	Complied.
S. A. Allen's Sons,	Mercantile,	4	-	-	-	Good,	Provide safety device for elevator,	Complied.
Lee.								
Smith Paper Co., Valley Mill,	Packing paper,	36	22	-	-	Fair,	Guard set screws in finishing room; post time notice,	Complied.
Hurlbut Paper Manufacturing Co.,	Photo, stationery and bond paper.	65	110	-	1	Good,	Plumb rack posts and adjust safety device to same in elevators in rag and finishing rooms.	Complied.

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DISTRICT No. 10 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Lenox.								
James Clifford Sons,	Finish lumber,	10	-	-	-	Good,	Guard crank shaft of engine and belt in saw mill,	Complied.
Smith Paper Co., Niagara Mill,	Wood pulp,	6	-	-	-	Fair,	Guard belt of pump,	Complied.
Montague.								
Turners Falls Cotton Co.,	Cotton cloth,	56	91	-	27	Good,	Adjust springs of elevator; lengthen pawls; post time notice.	Complied.
International Paper Co., No. 3 Mill,	News paper,	39	7	-	-	Good,	Adjust safety device of elevator,	Complied.
North Adams.								
James C. Larkin,	Printer,	2	-	-	1	Good,	Procure certificate; post time notice,	Complied.
Sykes, Hodge & Arnold Co.,	Wood and coal,	14	-	-	-	Fair,	Guard belt of saw,	Complied.
Canedy, Clark Shoe Co.,	Shoes,	195	105	-	18	Good,	Provide communication between rooms and engine room; elevator placarded and repaired.	Complied.
Beaver Mills,	Cotton cloth,	235	181	-	32	Good,	Provide communication between rooms and engine room; provide safety device for elevator.	Complied.
Eclipse Mills,	Cotton cloth,	228	192	-	42	Good,	Provide communication between rooms and engine room; adjust safety device of elevator.	Complied.
C. T. Sampson Manufacturing Co.,	Shoes,	212	102	-	28	Good,	Procure certificates for three minors; adjust springs of elevator.	Complied.
W. G. Cady & Co.,	Shoes,	227	113	-	23	Good,	Guard opening in attic; procure certificate; provide springs for elevator door at top.	Complied.
Weber Bros.,	Shoes,	121	54	-	6	Good,	Procure certificates for six minors; adjust safety device of elevator; put friction clutches on machine tables; provide communication between rooms and engine room.	Complied.

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Barber Leather Co.,	Leather goods,	53	-	-	-	Good,	Guard belts through all floors; post time notices,	Complied.
James Hunter Machine Co.,	Machinery,	125	-	-	-	Good,	Adjust safety device of elevator and guard opening of same.	Complied.
Arthur F. Phillips,	Brushes,	5	3	-	-	Poor,	Separate, clean, and designate closets,	Complied.
N. L. Millard & Co.,	Shoes,	308	155	1	20	Fair,	Provide communication between rooms and engine room; girl under fourteen years sent out.	Complied.
Hoosac Manufacturing Co.,	Frocks and coats,	2	4	-	-	Poor,	Separate, clean and designate closets; rail stairway; post time notice.	Complied.
North Adams Paper Box Co.,	Paper boxes,	5	9	-	2	Fair,	Procure certificate; post time notice; guard belts; rail stairs; post list of minors; separate and designate closets.	Complied.
Wilkinson & Bliss Shoe Co.,	Shoes,	42	18	-	1	Good,	Change friction clutch handle to top of machine table,	Complied.
Eagle Mill,	Cotton cloth,	130	78	-	10	Good,	Provide communication between rooms and engine room.	Complied.
Johnson Manufacturing Co.,	Ginghams,	191	158	-	31	Good,	Provide communication between rooms and engine room.	Complied.
Greylock Mills,	Cotton cloth,	130	100	-	15	Good,	Provide communication between rooms and engine room.	Complied.
Blackinton Co.,	Woollen cloth,	245	130	-	25	Fair,	Provide communication between rooms and engine room.	Complied.
North Adams Manufacturing Co.,	Woollen cloth,	155	75	-	9	Fair,	Provide communication between rooms and engine room.	Complied.
A. L. & H. E. Bartlett,	Sashes, doors, etc.,	50	-	-	-	Fair,	Provide communication between rooms and engine room; guard band saw and set screws on shafting; provide shipper for re-saw machine.	Complied.
S. B. Dibble Lumber Co.,	Sashes, doors, etc.,	25	-	-	-	Good,	Provide communication between rooms and engine room; guard belts of saws; board band saw; guard all set screws.	Complied.
Arnold Print Works,	Prints,	231	916	-	24	Good,	Provide communication between rooms and engine room.	Complied.
The Martin Co.,	Toys and games,	3	-	-	2	Good,	Procure certificates for two minors; post time notice and list of minors and keep list on file.	Complied.
Armour & Co.,	Beef, etc.,	5	-	-	-	Good,	Provide safety device for elevator,	Complied.
Pittsfield.								
W. E. Tillotson (Tillotsons),	Woollen yarns,	130	20	-	6	Fair,	Procure two certificates; guard set screws in finishing room; guard opening in mule room.	Complied.

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DISTRICT NO. 10 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Pittsfield — Con.								
W. E. Tillotson (Morningside),	Worsted goods,	360	135	-	47	Fair,	Provide communication between rooms and engine room; post time notice and list of minors; guard crank shafts of engine.	Complied.
Z. A. Ward,	Inside finish,	15	-	-	-	Good,	Guard balance wheel of engine and belt of corner block machine.	Complied.
Pittsfield Carriage Works,	Carriages,	8	-	-	-	Fair,	Guard band saw and belt of circular saw,	Complied.
Postal Telegraph Cable Co.,	Telegrams,	4	-	-	3	Good,	Procure certificates for three minors,	Complied.
Pittsfield County Jail,	Boot and shoe heels,	125	7	-	-	Good,	Rail stairs, north wing,	Complied.
E. Fairlee & Co.,	Mercantile,	4	-	-	-	Good,	Adjust safety device of elevator,	Complied.
Berkshire Life Insurance Co.,	Insurance,	6	-	-	-	Good,	Remove boy from care of elevator,	Complied.
Helliwell & Co.,	Woollen cloth,	48	52	-	6	Fair,	Post time notices; provide seats for females; repair and keep closets clean; supply price lists; keep doors unlocked; box all belts through floors; cover all set screws; cover gears on gig machine; Guard belt on rag machine; cover pulley in weaving room; guard belts between finisher cards; provide communication between rooms and engine room.	Complied.
The K. & W. Co.,	Incandescent lamps,	6	6	-	-	Good,	Adjust guide posts of elevator,	Complied.
Pittsfield Steam Laundry,	Laundry,	2	6	-	-	Fair,	Separate and designate closets,	Complied.
Pittsfield Journal Co.,	Newspaper,	14	4	-	-	Good,	Post time notices and designate closets,	Complied.
Eagle Publishing Co.,	Newspaper,	30	5	-	1	Good,	Post time notice and procure certificate for minor,	Complied.
The Sunday Morning Call,	Newspaper,	6	1	-	-	Good,	Post time notice,	Complied.

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Troy Laundry Co.,	Laundry,	4	2	-	-	Fair,	Post time notice; guard belt of engine; separate and designate closets.	Complied.
F. W. Adams,	Towelling,	2	1	-	-	Fair,	Post time notice,	Complied.
Western Union Telegraph Co.,	Telegrams,	5	2	-	3	Good,	Procure certificates for all minors,	Complied.
J. L. & T. D. Peck Mfg. Co., Mill No. 2.	Woollen cloth,	170	50	-	19	Fair,	Provide communication between rooms and engine room.	Complied.
J. L. & T. D. Peck Mfg. Co., Mill No. 1	Cotton yarns,	55	36	-	16	Fair,	Provide communication between rooms and engine room.	Complied.
Pontoosuc Woolen Mfg. Co.,	Woollen cloth,	220	150	-	14	Fair,	Post time notices; procure certificate for one minor; keep list of minors on file.	Complied.
Pittsfield Manufacturing Co.,	Woollen yarns,	63	7	-	2	Fair,	Provide communication between rooms and engine room; post time notices.	Complied.
Cheshire Shoe Manufacturing Co.,	Shoes,	100	50	1	5	Good,	Replace guard on machine tables; procure certificate for one minor; boy under 14 years sent out.	Complied.
Wendall Hotel,	-	7	4	-	-	Good,	Remove boy from care of elevator,	Complied.
Sheffield.								
Ashley Falls Marble Co.,	Marble work,	15	-	-	1	Good,	Procure certificate for one minor; post time notice,	Complied.
Shelburne.								
H. H. Mayhew Co.,	Mechanics' tools,	31	-	-	1	Good,	Provide new springs for elevator,	Complied.
Stockbridge.								
Charles E. Callender,	Tissue paper,	31	10	-	-	Fair,	Post time notices,	Complied.
Williamstown.								
Williamstown Manufacturing Co.,	Cotton cloth,	106	78	-	27	Fair,	Provide communication between rooms and engine room.	Complied.

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REPORT OF INSPECTOR WASLEY.

In connection with my tabulated report, I would respectfully submit a brief summary of the laws intrusted to me to enforce in District No. 11.

All manufacturing business at the present time in District No. 11 is in a flourishing condition. All the more extensive plants have a larger increase of help employed, the Washington Mills employing 5,500, Pacific Mills 4,700, Tremont and Suffolk 3,700, and the Lowell machine shop more help than ever before, 1,800 men. In fact, the outlook for business in all mills and workshops is very encouraging.

Section 51, chapter 481, Acts of 1894, requires communication between the different rooms where the machinery is used and the room where the engineer is stationed. I have been very particular to have this law enforced. In Lowell and Lawrence, where steam and water are used in conjunction, it is much more difficult to arrange the connections than if steam alone were used, as direct communication must be had between the water-wheels and the engines, which requires a friction clutch, or some person on guard continually at the wheel rooms, so that signals can be answered instantaneously, to prevent danger and breakage of machinery. It would not do to shut off the steam power and not the water power. However, all the agents and proprietors of mills and workshops are complying by using electric signals from the rooms to where the engineers are stationed, which will guard against accidents in any of the rooms. I am glad to inform you that owners are complying with this law very promptly, and in the near future all the manufactories will have these communications where it is necessary in District No. 11.

On account of duties at Marlborough, I have been unable to make as many inspections as last year, but have had occasion to issue more orders, for the changing and rearranging of machinery to further production in the different manufactories have been quite extensive, which required me to make more thorough inspections.

I have received many complaints the past year in regard to payments of wages, but those cases that I have been required to settle have been done with satisfaction to all parties interested.

Many of the manufactories have had considerable night work, but in all cases new gangs have been employed, and no women or minors are employed in violation of the law.

Ventilation in some of the basements of large stores on the street I have been called to investigate, and after an interview

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with those in authority they have arranged for better ventilation without further complaint being made.

The elevators I am pleased to report are in good order, and agents and proprietors of the factories continue to use much caution, and if the inspector has any fault to find with them, it is soon remedied.

I have had but very few fatal accidents in this district the past year, but many slight accidents; and on investigation I find the cause of such was in most cases the carelessness of the employees in not taking due care in operating the machines under their charge.

In my investigations of theatres and all places of assembly I find the managers using much caution in keeping the aisles clear and not overcrowding the galleries.

I have had but few complaints from insufficient heating of the street railway cars. New engines at the power station at Lowell having been put in operation will supply all power necessary for heating purposes and keeping the cars in comfortable condition through the winter months.

All business coming under my supervision pertaining to the enforcement of the laws has caused no friction between the agents and others of the manufacturing plants. All orders have been complied with promptly.

Summary.

Inspections made,	456
Orders issued,	264
Compliances,	264
Males employed,	34,092
Females employed,	23,469
Children between fourteen and sixteen (male, 1,807; female, 1,429),	3,336
Total number of males and females,	57,561
Elevators inspected,	267

I submit a tabulated report of the cities and towns in District No. 11, and inspections in each city and town for the past year: —

Lowell,	285	Tyngsborough,	5
Lawrence,	107	Billerica,	5
Andover,	10	Chelmsford,	8
North Andover,	9	Tewksbury,	2
Methuen,	14		
Dracut,	5	Total,	456
Westford,	6		

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DISTRICT No. 11, ... FRANK C. WASLEY, *Inspector.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Lowell.								
J. A. Thompson,	Wooden boxes,	32	-	-	-	Good,	Guard belts running through floor; place wood guard on swing saw.	Complied.
Derby & Morse,	Electric supplies,	21	-	-	-	Good,	Guard belt and pulley on motor,	Complied.
Criterion Knitting Co.,	Knitted goods,	15	50	-	2	Good,	Guard belt running through floor; guard belt on engine,	Complied.
Henry Edwards,	Brushes,	2	4	-	-	Fair,	Guard pulley on band saw and small shaft on boring machine; post time tables.	Complied.
Louis Alexander,	Clothing,	8	7	-	-	Fair,	Post time tables; designate water-closet,	Complied.
H. W. Barnes,	Clothing,	8	8	-	-	Fair,	Post time tables; designate water-closet,	Complied.
Geo. Gregg,	Clothing,	2	7	-	-	Good,	Post time tables,	Complied.
W. H. Parker & Sons,	Bobbins and spools,	190	-	-	9	Fair,	Guard set screws in collars of shafting,	Complied.
D. F. Cavanaugh,	Clothing,	9	9	-	-	Good,	Post time table,	Complied.
Pickering Knitting Co.,	Knit goods,	52	254	-	28	Fair,	Designate water-closet; procure four certificates,	Complied.
L. & S. S. R. Power House,	Power,	33	-	-	-	Good,	Guard four fly wheels on condenser,	Complied.
Robert Carruthers,	Reeds,	23	7	-	-	Good,	Guard set screws, belts running through floor, stairs with guard rail; designate water-closet; post time table; guard rail at head of stairs to basement; procure one certificate.	Complied.
Novelty Suspender Works,	Suspenders,	29	39	-	-	Good,	Guard belt running through floor,	Complied.
J. M. Spurr,	Shirts,	1	3	-	-	Fair,	Designate water-closet; post time table,	Complied.
Morning and Evening Mail,	Newspapers,	40	3	-	1	Good,	Procure one certificate,	Complied.

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Thompson & Hill,	Job printing,	12	2	-	1	Good,	File one certificate,	Complied.
U. S. Bunting Co.,	Bunting,	308	418	-	40	Good,	Guard belt running through floor, belt and pulley in dynamo room; certificate for one minor; adjust safety device to elevator.	Complied.
C. E. Gee,	Machinery,	6	-	-	-	Fair,	Guard belt and pulley on small engine,	Complied.
J. C. Ayer & Co.,	Patent medicines,	98	67	-	-	Good,	Guard belt running through floor on saw table; designate water-closet.	Complied.
Lowell Electrotype Foundry,	Electrotypes,	4	-	-	-	Good,	Guard all set screws,	Complied.
A. L. Brooks,	Boxes,	10	-	-	-	Fair,	Guard opening around pump in engine room,	Complied.
Pratt & Forest,	House finish,	23	-	-	-	Fair,	Guard belts and pulleys on following machines: tenoning, sticking, circular saw and pulley machines.	Complied.
Boott Cotton Mills,	Cotton and linen goods,	1,961	1,110	-	85	Fair,	Guard belt and pulley in No. 2 basement; belt and pulley overhead in No. 1 lower spinning room; designate water-closet.	Complied.
Lowell Machine Shop,	Cotton and worsted machinery.	1,791	-	-	4	Good,	Guard set screws in following rooms: blacksmith shop, engine room, fly frame room, Foster's back shop and grinding room; pulley on two band saws; file one certificate.	Complied.
Whithall Manufacturing Co.,	Cotton underwear,	3	72	-	3	Fair,	Designate water closet,	Complied.
C. H. McEvoy Telephone Co.,	Telephone cards,	4	7	-	-	Fair,	Guard pulley and belt; designate water-closet,	Complied.
Amasa Pratt,	House finish,	15	-	-	-	Fair,	Guard set screws; place guard rail on stairs,	Complied.
American Card Clothing Co.,	Card clothing,	11	4	-	-	Good,	Guard set screws in collars of main shaft and side grinding machine.	Complied.
Otis Allen & Son,	Wooden boxes,	90	-	-	1	Fair,	Guard set screws in collars of shafting; place scuppers around belt on miter machine.	Complied.
C. Littlefield & Co,	Paper boxes,	2	26	-	-	Good,	Guard belt near wall on circular saw,	Complied.
Moxie Nerve Food,	Moxie,	20	-	-	-	Good,	Guard fly wheel on engine,	Complied.
H. P. Young,	Toys and novelties,	7	-	-	-	Good,	Box on belt running through floor,	Complied.
Co-operative Milk Association,	Milk, butter,	10	-	-	-	Good,	Guard fly wheel on engine; repair elevator door,	Complied.
Wood Sherwood Co.,	Wire goods,	32	3	-	1	Good,	Guard pulley and belt in basement,	Complied.
The Wright Co.,	Lathes,	8	-	-	-	Good,	Procure one certificate; guard set screws in collars of shafting.	Complied.

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DISTRICT NO. 11 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Lowell — Con.								
W. T. Griffin,	Sawed and split wood,	3	-	-	-	Fair,	Guard belt and pulley on motor,	Complied.
Lowell Electric Light Co.,	Power and lights,	25	-	-	-	Good,	Guard belts running through basement,	Complied.
Middlesex Mills,	Woollen goods,	325	425	-	12	Good,	Guard sets of gears on machine and pickers,	Complied.
Davis & Sargent,	Boxes,	35	-	-	1	Good,	Guard belt and pulley on planer near wall,	Complied.
Marshall & Crosby,	Furniture,	20	-	-	-	Good,	Guard two pulleys on saw,	Complied.
Lowell Scale Co.,	Scales,	9	-	-	-	Good,	Guard set screws in collars of shafting,	Complied.
Lowell Bleachery Co.,	Bleached cloth,	242	43	-	11	Good,	Guard belts in tenter room and starch room and pulley and belts on gray machine, and pumps in boiler house.	Complied.
P. J. Riley,	Paper stock,	14	11	-	-	Good,	Guard two sets of belts and shaft in basement,	Complied.
W. A. Dickinson,	Hay, grain and soap,	3	-	-	-	Fair,	Provide new wire cable for elevator; guard open hatchway on second floor.	Complied.
Tildon & Stover,	Shoes,	25	25	-	10	Fair,	Post legal time notice; designate water-closet; guard all belts running through floor.	Complied.
N. E. Motor Co.,	Motors,	17	-	-	-	Good,	Guard belt running through floor, belt and pulley on engine.	Complied.
B. & M. Repair Shop,	Repairs,	83	-	-	-	Good,	Guard pulley on Fairbanks & Morse engine; post time table.	Complied.
M. M. Lahue & Co.,	Loom attachments,	6	-	-	-	Good,	Guard all set screws in collars of shafting,	Complied.
C. L. Standley,	Files,	5	-	-	-	Good,	Line up shafting and place in safe condition; guard two pulleys on engine.	Complied.
P. A. Mackinzie,	Carriages,	8	-	-	-	Good,	Guard saw and pulley on the band saw,	-
American Bolt Co.,	Bolts,	45	-	-	1	Good,	Guard set screws in collars of pulleys on both heading machines.	Complied.

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Lawrence Manufacturing Co.,	Hosiery and knitting,	888	2,121	-	177	Good,	Guard set screws in two rooms, pulleys and belt, end of shaft on saw benches; remove two circular saws; belts and pulleys on planing machine; two caustic soda tanks to cover; file sixteen certificates.	Complied.
Geo. L. Cady & Sons,	Boxes,	23	-	-	-	Good,	Guard belts and pulley on the main drive,	Complied.
M. Bancrofts,	Piano stools and chairs,	11	1	-	-	Good,	Post legal time notice,	Complied.
F. P. Cheney,	Boxes,	60	-	-	-	Good,	Guard fly wheel on small engine,	Complied.
G. W. Harris,	Loom harnesses,	12	8	-	-	-	Guard pulleys and shaft on punching machine,	Complied.
Tremont & Suffolk,	Cotton goods,	1,800	1,500	-	124	Good,	Guard set screws in No. 8 mill and over drying machine; guard belt in No. 10 engine room; pulleys in bell tower; pulleys in wheel room No. 6 mill; three pulleys in wheel pit No. 1 mill; belts running through floor No. 1 weave room; pulleys, belts and shaft in knapping room; repair elevator hatches in No. 9 mill, No. 1 mill, L section, storehouse, Lawrence section; iron brace in No. 6 and 8 elevators; post legal notices; file seven certificates.	Complied.
E. N. Arnold,	Cleaned carpets,	4	-	-	-	Good,	Guard fly wheel on engine,	Complied.
Friend Bros. Co.,	Bread,	6	3	-	-	Good,	Post legal time notice,	Complied.
Massachusetts Mohair Plush Co.,	Plush,	80	120	-	9	Fair,	Designate water-closet,	Complied.
Pillings Shoe Co.,	Shoes,	180	120	-	20	Good,	Guard shaft under sewing-machine tables,	Complied.
Hamilton Manufacturing Co.,	Cotton goods, prints,	900	1,250	-	136	Good,	Guard set screws and belts in No. 4 upper weave room and No. 9 dress room; repair elevator hatch, print works; guard shafting in main belt room and belt on extractor; file four certificates.	Complied.
Bung and Plug Factory,	Bungs and plugs,	12	-	-	1	Good,	Guard belts running through floor; file one certificate,	Complied.
C. I. Hood & Co.,	Patent medicine,	50	100	-	1	Good,	File one certificate,	Complied.
Lowell Chemical Co.,	Chemicals,	3	-	-	1	Good,	Post legal time notice; file one certificate,	Complied.
J. W. Greenlaw,	House finish,	18	-	-	-	Fair,	Guard set screws in collars of shafting, all pulleys and belts, band saw; rod on stairs.	Complied.
Arthur M. Bertrand,	Clothing,	4	4	-	-	Fair,	Post legal time notice; designate water-closet,	Complied.

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DISTRICT NO. 11 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Lowell — Con.								
H. R. Barker & Co.,	Steam and water fitting,	38	-	-	-	Good,	Guard set screws in collars of shafting in one room and both flanges of engines to fly wheel.	Complied.
Appleton Co.,	Cotton goods,	453	540	-	19	Fair,	Guard pulley and belt on blower; keep water-closet in good condition and exclusively for each sex; file one certificate.	Complied.
American Mason Safety,	Safety treads,	12	-	-	-	Good,	Guard gears on punching machine,	Complied.
Lamson Stone Equipment,	Stone fixtures,	7	-	-	-	Good,	Guard one buzz planer,	Complied.
T. J. & D. Bradt,	Crackers and bread,	10	-	-	-	Good,	Guard set screws and belt and pulley on motor,	Complied.
C. T. & J. D. Varnum,	House finish,	20	-	-	-	Good,	Guard pulley on band saw and buzz planer; post time table.	Complied.
Bean & Dunbar,	House finish,	5	-	-	-	Good,	Guard buzz planer shaft near the floor, band saw, pulley.	Complied.
Merrimack Manufacturing Co.,	Cotton goods,	1,872	1,186	-	76	Fair,	Guard pulley in basement, elevator well hole in the engraving shop; procure two certificates for minors; put water-closets in good condition.	Complied.
Biglow & Miller,	Printing,	4	1	-	1	Good,	Post legal notice,	Complied.
T. J. McDonald,	Ground grain,	5	1	-	-	Good,	Procure one certificate; guard elevator well hole on second floor.	Complied.
Lowell Hosiery Co.,	Hosiery,	92	120	-	5	Good,	Guard set screws, belt on girls' bench, fly wheel on small engine, belt and belt hole in rope drive room, shafting under benches in knitting room; procure two certificates.	Complied.
J. A. Thompson,	Wooden boxes,	35	-	-	-	Good,	Guard belts on printing and matching machine,	Complied.
Howorth & Watson,	Paper tubes,	24	20	-	2	Good,	Guard opening in floor near engine; file two certificates,	Complied.
Lowell Manufacturing Co.,	Carpets, rugs,	949	970	-	197	Good,	Repair water closet; post time table; procure four certificates; guard belt; rail doorways.	Complied.

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Herbert E. Hesselton,	Brushes,	2	1	-	-	Fair,	Guard shaft under bench; post legal time notice,	Complied.
L. S. Kimball,	Roll covers,	9	1	-	-	Fair,	Post legal time notice; file one certificate,	Complied.
New England Bunting Co.,	Bunting,	25	75	-	-	Good,	Guard set screws in four rooms; post legal time notice,	Complied.
F. S. Perkins Machine Shop,	Machinery,	30	-	-	-	Good,	Guard fly wheel on engine,	Complied.
George D. Kimball Co.,	Elastic goods,	2	2	-	1	Fair,	Post legal time notice; file one certificate,	Complied.
Harvard Brewing Co.,	Beer and ale,	95	-	-	-	Good,	Guard engine with a guard rail,	Complied.
Eagle Iron Foundry,	Iron castings,	40	-	-	1	Good,	Guard all pulleys and belts on motor machinery; file one certificate.	Complied.
John Barnes & Co.,	Job printing,	6	-	-	-	Good,	Guard belts running through the floor on two machines,	Complied.
Shaw Stocking Co.,	Hosiery,	67	212	-	28	Good,	Guard large pulley on main drive; procure one certificate for minor.	Complied.
International Paper Co.,	Paper,	182	24	-	-	Good,	Guard opening in basement of No. 3 machine room,	Complied.
P. J. Riley,	Paper stock,	6	6	-	-	Fair,	Guard set screws in collars of shafting; post legal time notice; designate water-closet.	Complied.
W. M. Rogers,	Cotton strapping for looms.	4	1	-	-	Good,	Post legal time notice,	Complied.
R. J. Christee,	Wood turning,	3	-	-	-	Good,	Guard all set screws in collars of shafting,	Complied.
Middlesex Steam Laundry,	Laundered clothes,	15	33	-	-	Fair,	Guard fly wheel on engine; designate water-closet,	Complied.
Thomas Ash,	Pattern maker,	3	-	-	-	Good,	Guard all set screws in collars of shafting,	Complied.
H. B. Shattuck & Son,	Bicycles,	5	-	-	-	Good,	Guard belt and pulley on the motor in basement,	Complied.
Massachusetts Cotton Mills,	Cotton goods,	669	1,510	-	76	Good,	Guard fan in wall, pulleys and belts in elevator machinery room, and large driving pulley in weave room, No. 3 mill.	Complied.
Waukenhose Manufacturing Co.,	Hosiery,	6	34	-	-	Good,	Post legal time notice,	Complied.
A. L. Brooks & Co.,	Boxes,	20	-	-	-	Good,	Guard one side of fly wheel on engine,	Complied.
Lowell & S. S. Railway Co.,	Repairs,	36	-	-	1	Good,	Guard pulleys and belts on the saw bench in carpenter's shop.	Complied.

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DISTRICT NO. 11 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Lawrence.								
Globe Worsted Mill,	Worsted yarn,	20	57	-	10	Good,	Guard pulley and belt in card room, belt and pulley in engine room.	Complied.
Merrimack Glazed Paper Co.,	Glazed paper,	39	11	-	-	Good,	Guard set screws; guard two belts with scuppers; put elevator hatches in order.	Complied.
J. W. Joyce,	Carriages, wagons,	16	-	-	-	Good,	Guard pulley on band saw,	Complied.
Monroe Felt & Paper Co.,	Paper,	25	-	-	-	Good,	Guard fan in wall near rag pickers,	Complied.
Emmons Loom Harnesses,	Loom harnesses,	105	65	-	14	Good,	File one certificate,	Complied.
Curran & Joyce,	Ale and lager,	25	-	-	1	Good,	Guard belt and pulley on engine; file one certificate,	Complied.
Everett Mills,	Cotton goods,	550	525	-	40	Good,	Rail two flights of stairs; box belt; guard fan in wall; designate water-closet.	Complied.
American Publishing Co.,	Newspapers,	35	-	-	1	Fair,	Guard set screws; file certificate for minor,	Complied.
James O'Neal,	Clothing,	3	3	-	-	Good,	Post legal time notice,	Complied.
M. W. Morris,	Clothing,	9	5	-	-	Good,	Post time notice,	Complied.
F. W. Scharkey,	Clothing,	5	9	-	-	Good,	Post time notice,	Complied.
Butler Worsted Mills,	Worsted tops,	10	-	-	-	Good,	Adjust safety device,	Complied.
Spicket Mills,	Loom picker,	28	-	-	5	-	Guard belt running through bench in lower room,	Complied.
Wm. Metcalf,	Clothes,	3	3	-	-	Fair,	Designate water closet; post legal time notice,	Complied.
John Neal,	Clothing,	10	4	-	-	Fair,	Post legal time notice; designate water-closet,	Complied.
Briggs & Allyn,	House finish,	70	-	-	-	Good,	Guard set screws in collars in engine room, belt on planer, pulley on band saw.	Complied.

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E. W. Winslow,	Clothing,	7	4	-	1	Good,	Guard buzz planer; post legal time notice; file one certificate.	Complied.
The D. W. Pingree Co.,	Boxes and cases,	60	-	-	-	Good,	Guard band saw pulley,	Complied.
Arlington Mills,	Woollen and worsted,	1,549	1,308	-	676	Fair,	Two binders in No. 2 spinning room; one binder in electric-light plant; pulley and belt in belt raceway; belt and belt hole in generator room; belt across doorway in basement; spline on end of collar on engine; two water-closets to designate in warp dressing mill.	Complied.
Kimball Bros.,	Shoes,	245	80	-	-	Good,	Guard two belts on heel compressor; post legal time notice.	Complied.
Pemberton Co.,	Cotton goods,	260	322	-	27	Good,	Guard both flanges of wheels on engine, pulleys and belts and shaft on dye house; file one certificate.	Complied.
Lawrence Machine Co.,	Machinery,	26	-	-	-	Good,	Guard one buzz planer,	Complied.
J. F. Lenard,	Clothing,	5	2	-	-	Good,	Post legal time notice,	Complied.
Samuel Silverman,	Clothing,	2	2	-	-	Fair,	Designate water-closet; post legal time notice,	Complied.
H. Dennis Morse,	Clothing,	6	1	-	-	Fair,	Post legal time notice; designate water-closet,	Complied.
Lawrence Training School,	Repairs,	50	-	-	50	Good,	Guard set screws and pulleys on band saw,	Complied.
Dixon Bros.,	House finish,	14	-	-	-	Good,	Guard all belts running through floor and both fly wheels on engine.	Complied.
Beach Soap Co.,	Soap,	19	5	-	1	Good,	Guard all well holes to elevator; procure one certificate,	Complied.
C. H. E. Keilhue,	House finish,	15	-	-	-	Good,	Guard pulley and belt on moulding machine,	Complied.
J. N. Gurdy,	Ice cream wooden frames.	5	-	-	-	Fair,	Guard elevator well hole,	Complied.
L. N. Holden & Co.,	House finish,	42	-	-	-	Good,	Guard fly wheel and buzz planer,	Complied.
Lawrence Duck Co.,	Cotton duck,	105	110	-	14	Fair,	Place water-closet in good condition; repair elevator hatch on well hole to elevator; adjust safety devices to four elevators.	Complied.
W. A. Moore,	House finish,	5	-	-	-	Good,	Guard one buzz planer, all pulleys and belt running near floor.	Complied.
The D. W. Pingree Co.,	Boxes,	45	-	-	-	Good,	Guard set screws on planing machine, pulley on band saw.	Complied.
American Woolen Co.,	Woollen and worsted,	3,190	2,178	-	311	Fair,	Guard set screws; guard belt and pulley on two fans, belt and pulley on drive; bars across doorways of two elevators; clean and repair water-closet; designate water-closet.	Complied.

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DISTRICT NO. 11 — *Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Lawrence — Con.								
Leland Belting Co.,	Machinery,	3	-	-	-	Fair,	Guard all set screws in collars of shafting,	Complied.
Cress Bros.,	Wagons,	20	-	-	-	-	Guard belt on motor and pulley on band saw,	Complied.
Farnell Bleachery,	Bleached cloth,	125	25	-	-	Good,	Guard set screws in collars of shafting in dye house and carpenter shop.	Complied.
Emerson Manufacturing Co.,	Paper machinery,	60	-	-	-	Good,	Guard all set screws in collars of shafting, pulley and belt on small planer, pulley and belt on large saw.	Complied.
Steadman & Smith,	Machinery,	10	-	-	-	Good,	Place new elevator hatch over elevator well hole,	Complied.
Thomas O'Brien,	House finish,	14	-	-	-	Good,	Guard belt running through floor,	Complied.
Geo. E. Kunhardt,	Woollen and worsteds,	264	100	-	14	Good,	Guard set screws in collars of shafting; file one certificate.	Complied.
O'Connor & Whelan,	Laundered clothes,	1	5	-	-	Fair,	Guard elevator opening,	Complied.
Pacific Mills,	Cotton and woollen goods.	2,628	2,136	-	512	Good,	Guard set screws in four rooms in print works; fan in bleach house; rod in wash room floor. Lower Pacific: belt running through floor; belt running through floor in tentering room to box; two elevator well holes to guard in tentering and inspector's rooms; file six certificates for minors; guard pulleys on band saw; pulleys and belts on all machines running near the floor; belt running through floor in upper room; procure one certificate.	Complied.
Camden Street Steam Laundry,	Laundered clothes,	3	2	-	-	Good,	Post legal time notice,	Complied.
Barrie & Unwin,	House finish,	30	-	-	-	Good,	Guard pulleys and belts on moulding machine,	Complied.
Fred Hartley Wool Scouring Factory,	Finished wool,	34	1	-	-	Good,	Guard set screws in collars of shafting in two rooms,	Complied.

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Cold Spring Brewery Co.,	Beer,	22	-	-	-	Good,	Guard belt and pulley on the motor,	Complied.
Rhoads & Moulton Steam Laundry,	Laundered clothes,	8	22	-	-	Fair,	Designate water-closet,	Complied.
Methuen.								
Tremont Worsted Co.,	Men's cloth,	26	19	-	2	Good,	Guard pulley and belt on Miller press,	Complied.
Swain Manufacturing Co.,	Knit goods,	4	5	-	-	Good,	Guard pulley on engine; place scuppers around belt,	Complied.
J. M. Tenny,	Hats,	110	40	-	2	Good,	Guard set screws over extractor,	Complied.
Arlington Cotton Mills,	Cotton yarn,	162	500	-	42	Good,	Guard front of fly wheel on engine; designate water-closet; procure six certificates.	Complied.
F. Buckminster,	House finish,	12	-	-	-	Good,	Guard buzz planer,	Complied.
American Hand Laundry,	Laundered clothes,	3	1	-	-	Good,	Post legal notice,	Complied.
Methuen Organ Co.,	Organs,	9	-	-	-	Good,	Guard two pulleys on main drive; cover one set of gears on picker; designate water-closet; file one certificate.	Complied.
North Andover.								
North Andover Silk Mill,	Silk towelling,	1	2	-	-	Fair,	Repair flooring around machine in basement,	Complied.
North Andover Mills,	Woollen dress goods,	60	40	-	3	Fair,	Designate water-closet; guard fan in wall,	Complied.
Stevens Mill,	Woollen dress goods,	85	100	-	5	Good,	Designate water-closet; guard pulley and belt,	Complied.
Sutton Mills,	Worsted dress goods,	25	12	-	-	Fair,	Guard one side of fly wheel on engine; designate one water-closet.	Complied.
John Glennie Soap Factory,	Soap,	5	-	-	-	Good,	Guard fly wheel on engine,	Complied.
Davis & Furber,	Cotton and woollen machinery.	450	-	-	-	Good,	Guard belt running through the bench; place knife guard on circular saw in loom room.	Complied.
Andover.								
Ballardvale Mill,	Flannels,	5	75	-	5	Good,	Guard set screws in collars of shafting,	Complied.
Marland Mills,	Woollen dress goods,	101	61	-	14	Good,	Guard one side of pulley in finishing room and pulley in basement.	Complied.

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DISTRICT NO. 11 — *Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	NUMBER EMPLOYED. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Andover — Con.								
Dyer Rubber Co.,	Dyer rubber,	125	125	-	32	Good,	Procure one certificate for minor,	Complied.
Hardy & Cole,	House finish,	30	-	-	-	Good,	Guard belt and pulley on small planing machine,	Complied.
Smith & Love,	Linen thread twine,	112	132	-	34	-	Guard large belts in belt tower; pulley overhead in basement; knife guard on circular saw.	Complied.
Chelmsford.								
Geo. Moore's Mills,	Worsted yarn,	202	220	-	32	Good,	Temporary guards around opening in floors; guard main belt in drying room.	Complied.
Silver & Gay Co.,	Machinery,	12	-	-	-	Good,	Box belt running through floor in second story,	Complied.
Succers Worsted Co.,	Worsted goods,	18	7	-	1	Good,	Guard large belt; post legal time notice,	Complied.
Dracut.								
Whitman's Rendering Works,	Tallow soap,	5	-	-	-	Fair,	Place guard rail on stairs,	Complied.
American Woolen Co.,	Woollen goods,	252	98	-	36	Fair,	Guard all projections on collars of shafting on fulling machines; clean and repair all water-closets.	Complied.
Paper Mill,	Paper,	11	2	-	-	Fair,	Guard set screws and belts running through floor,	Complied.
Westford.								
Brookside Mills,	Worsted yarn,	23	57	-	14	Good,	File one certificate,	Complied.

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Abbot & Co, ...	Worsted yarn, . .	24	151	-	17	Good, .	Guard set screws on wool preparers, ...	Complied.
Abbot Worsted Co., ...	Worsted yarns, . .	74	112	-	15	Good, .	Guard two elevator well holes and wool bins with guard rails; procure two certificates.	Complied.
Tyngsborough.								
F. M. Merrill, ...	Carriages, ...	4	-	-	-	Good, .	Guard pulley on band saw, ...	Complied.
Billerica.								
Lowell Rendering Co., ...	Tallow and hides, .	21	-	-	-	Good, .	Guard one side of fly wheel on engine, ...	Complied.
Lowell Fertilizer Co., ...	Fertilizer, ...	18	-	-	-	Good, .	Guard belt running through the floor on binder, . .	Complied.

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REPORT OF INSPECTRESS MARY E. HALLEY.

In presenting my eighth annual report, I will say at the beginning it will differ very little from my preceding ones, being for the most part a statement of the different laws which are entrusted to me for enforcement, as I have few if any comments to present for your consideration and approval.

The particulars bill has been the source of quite a few complaints. I have had several conferences with the district attorney in relation to the proper enforcement. The information gleaned was similar to your instructions. The law calling for an intended or maximum number of yards, manufacturers find it convenient to place the maximum number far in excess of actual number, thereby making it difficult for the inspector to find a violation, as the cloth rarely reaches the highest figures on specifications given. Only in two cases did I find cloth to exceed maximum length, but upon investigation found the reason such that it was not necessary to enter a complaint. In both cases satisfactory explanation and remuneration were given operatives. The adjustment of a large number of yards between intended and maximum number is not resorted to by all manufacturers, some claiming that from one to two yards, according to quality desired, is sufficient for the usual contracting and lengthening during process of weaving.

While it will be seen from the tabulated report appended that many orders are given to procure school certificates for children employed under sixteen years, it is not with any intention or desire to evade the law, but sometimes owing to changes in the different departments where new overseers are placed in charge who are not always familiar with factory laws. Instructions as to what is expected usually bring the desired result.

Having had experience or advantage of being located in different parts of the State, I can safely say, as I did in my preceding report, that the sanitary conditions of the factories in Bristol County are among the best.

Testing the children as to their ability to read and write occupies no small amount of the inspector's time. This occurs especially during the time when the evening schools are in session. We are usually assisted by superintendents or overseers, who make special exertion to have the illiterates attend regularly. Their manifestations of pleasure as they point to card after card showing perfect attendance is evidence of what they have tried to do to assist us.

In conclusion, I will say that much of the work of this department does not appear on the surface. Complaints and other slight troubles, which call for mediation rather than law, make a large

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demand upon the time of the inspector. However, from the courtesy received and the customary willingness to comply with orders given, it will be seen that the majority of manufacturers know that the labor laws are not passed as a menace to their business.

The following is a summary of work performed: —

Number of inspections in Fall River,	165
Number of inspections in New Bedford,	92
Number of inspections in Taunton,	36
Number of inspections in Attleborough,	15
Number of inspections in Westport,	4
Number of inspections in Hebronville,	1
Number of inspections in Dodgeville,	1
Total number of inspections,	312
Number of orders,	110
Number of compliances,	109
Number of children under sixteen,	2,370
Number of females employed,	19,727
Number of males employed,	20,182
Total employed,	42,279

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SPECIAL DUTY, ... MARY E. HALLEY, *Inspectress.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed. Males.	Females.	Under 14.	14 to 16.	Sanitary Condition.	Orders Given.	Compliances.
Attleborough.								
Dagget & Clapp,	Jewelry,	30	3	-	1	Good,	Designate closet,	Complied.
MacDonald Culver,	Jewelry,	11	7	-	-	Good,	Designate closet,	Complied.
C. H. Allen & Co.,	Jewelry,	50	9	-	2	Good,	Procure certificate,	Complied.
N. N. Fisher & Co.,	Jewelry,	35	15	-	-	Good,	Post time notice,	Complied.
J. F Sturdy's & Son,	Jewelry,	60	65	-	-	Good,	Post time notice; procure certificate,	Complied.
Dodgeville Mills,	Yarn,	170	80	-	18	Good,	Discharge child thirteen years old,	Complied.
Fall River.								
Maple Street Laundry,	Laundry,	7	23	-	1	Good,	Procure certificate; post time notices,	Complied.
Troy Manufacturing Co,	Print cloth,	206	206	-	24	Good,	Post list of children under sixteen; post prices on spooling and warping.	Complied.
Tecumseh Mills, Nos. 1 and 2,	Print cloth,	259	300	-	22	Good,	Post list of minors,	Complied.
Fall River Laundry,	Laundry,	30	19	-	5	Good,	Post list of minors,	Complied.
Shore Mills, Nos. 1 and 2,	Print cloth,	126	275	-	31	Good,	Keep closets clean; change specifications to comply with law.	-
Stafford Mills, No. 1,	Print cloth,	207	203	-	19	Good,	Provide more seats,	Complied.
Stafford Mills, No. 2,	Print cloth,	200	169	-	16	Good,	Provide seats in card room,	Complied.
Granite Mills, Nos. 1, 2 and 3,	Fancy prints,	460	504	-	59	Good,	Procure certificates,	Complied.
Barnard Mills,	Fancy prints,	210	300	-	52	Good,	Procure certificates; post prices on piece work,	Complied.

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Hargraves Mill, No. 1,	Fancy prints,	130	340	-	22	Good,	Post prices,	Complied.
Hargraves Mill, No. 2,	Fancy prints,	225	225	-	30	Good,	Keep cloth under maximum number of yards,	Complied.
Narragansett Mills,	Print cloth,	220	320	-	43	Good,	Post time notice,	Complied.
Merchants Mills, Nos. 1, 2, 3 and 4,	Print cloth,	300	600	-	75	Good,	Clean closets; post price on speeders; change particulars for weaving.	Complied.
Metacomet Mill,	Print cloth,	60	131	-	11	Good,	Change particulars to comply with law,	Complied.
Osborn Mill, Nos. 1 and 2,	Fancy prints,	425	341	-	49	Good,	Post prices on spoolers; repair water-closets,	Complied.
Sagamore Mills, Nos. 1 and 2,	Print cloth,	400	450	-	42	Good,	Post style tickets on looms,	Complied.
Davol Mills,	Fancy prints,	210	260	-	23	Good,	Keep number of yards under maximum,	Complied.
Linen Mills, Nos. 1 and 2,	Fancy prints,	400	508	-	76	Good,	Procure certificate; post list of minors,	Complied.
Osborn Mill, No. 2,	Fancy prints,	174	147	-	27	Good,	Change style B. B. U.,	Complied.
Weetamoe Mills,	Print cloth,	209	175	-	31	Good,	Repair water-closets; post list of minors; provide seats in weave room.	Complied.
Border City Mills, Nos. 1, 2 and 3,	Print cloth,	549	445	-	85	Good,	Provide more seats; post list of prices on spooler frames; post list of minors.	Complied.
Fall River Bleachery,	Bleaching,	240	75	-	29	Good,	Post time notice; provide more seats,	Complied.
Iron Works Mills, Nos. 1, 2, 3 and 4,	Prints,	1,075	1,297	-	110	Good,	Procure two certificates,	Complied.
Wampanoag Mills, Nos. 1 and 2,	Prints,	500	420	-	62	Good,	Procure certificates,	Complied.
Laurel Lake Mills,	Print cloth,	250	330	-	40	Good,	Post prices on all piece work; procure certificate,	Complied.
H. C. White,	Tailoring,	5	9	-	-	Good,	Keep closets clean,	Complied.
M. Shea,	Dresses,	-	4	-	-	Good,	Keep closets clean; post time notice,	Complied.
Cornell Mill,	Print cloth,	220	205	-	36	Good,	Post new particulars,	Complied.
Robeson Mills,	Print cloth,	165	185	-	16	Good,	Provide seats,	Complied.
Seaconnet Mills,	Print cloth,	252	400	-	55	Good,	Procure certificates,	Complied.
Tecumseh Mills,	Print cloth,	225	270	-	30	Good,	Change particulars to comply with law,	Complied.

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SPECIAL DUTY, MARY E. HALLEY, *Inspectress— Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Fall River—Con.								
Pocasset Hat Co.,	Hats,	70	29	-	13	Good,	Procure certificates,	Complied.
Algonquin Printing Works,	Printing,	120	25	-	8	Good,	Procure certificate,	Complied.
Slade Mills,	Print cloth,	275	300	-	29	Poor,	Provide new sanitary arrangements,	In process.
Tecumseh Mill, No. 1,	Print cloth,	289	270	-	18	Good,	Keep water-closets clean; provide more seats,	Complied.
Sagamore Mill,	Print cloth,	400	450	-	52	Good,	Provide certificate,	Complied.
Esty's Mill,	Twine, etc.,	30	180	-	16	Good,	Procure certificates; keep closets clean,	Complied.
Granite Mills,	Fancy prints,	497	585	-	37	Good,	Keep closets clean,	Complied.
Merchants' Mill, No. 3,	Fancy prints,	217	185	-	22	Good,	Procure certificate,	Complied.
McGuire, Dillon Co.,	Mercantile,	7	30	-	3	Good,	Procure certificate,	Complied.
Richard Borden Mills, Nos. 1 and 2,	Prints,	400	400	-	55	Good,	Keep water-closets clean,	Complied.
Fall River Manufacturing Co.,	Prints,	269	195	-	29	Good,	Procure school card,	Complied.
E. S. Brown & Co.,	Mercantile,	27	40	-	3	Good,	Procure certificates,	Complied.
New Bedford.								
Haskell & Tripp,	Mercantile,	20	40	-	5	Good,	Procure certificate; post list of minors,	Complied.
Moynan & Co,	Mercantile,	17	50	-	3	Good,	Procure certificate,	Complied.

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Whitman Mills,	Fancy prints,	370	326	-	38	Good,	Procure certificates; send illiterate to school,	Complied.
Hathaway Mills, Nos. 1, 2 and 3,	Fancy prints,	550	403	-	40	Good,	Change styles 158 and 431 to comply with specifications,	Complied.
Bristol Mills,	Prints,	290	300	-	34	Good,	Change particulars,	Complied.
J. V. Spare & Co.,	Mercantile,	5	15	-	-	Good,	Designate closet,	Complied.
Potomski Mills, Nos. 1 and 2,	Fancy prints,	674	454	-	66	Good,	Change style 1193 to comply with specifications,	Complied.
Acushnet Mills, Nos. 1, 2 and 3,	Fancy prints,	628	444	-	55	Good,	Change style 683 to comply with specifications,	Complied.
Haskell-Tripp Co.,	Mercantile,	15	49	-	4	Good,	Procure certificate,	Complied.
Wamsutta Mills, Nos. 1 to 7,	Fancy prints,	1,163	895	-	140	Good,	Change styles B, F, S, A and K, I, D, S, as they exceed maximum number of yards. N. B. Price of goods was raised. Send illiterate to school.	Complied.
Hathaway Mills,	Fancy prints,	550	403	-	57	Good,	Post prices on speeders,	Complied.
T. Denhanm,	Shirts,	7	61	-	4	Good,	Post list of minors,	Complied.
Acushnet Mills,	Fancy goods,	628	444	-	55	Good,	Post prices on speeders,	Complied.
Bristol Mills,	Prints,	290	300	-	34	Good,	Post prices in card room,	Complied.
Taylor, Sawtelle & Co.,	Mercantile,	3	5	-	-	Good,	Clean closets,	Complied.
Whitman Mills,	Fancy prints,	230	365	-	37	Good,	Procure certificate,	Complied.
Bennett Mills, Nos. 1 to 4,	Yarn,	656	511	-	61	Good,	Post prices in spool room,	Complied.
E. S. Perry,	Tailoring,	9	8	-	-	Good,	Post time notice,	Complied.
Cornell Stocking Co.,	Stockings,	10	40	-	13	Good,	Procure certificates,	Complied.
Pierce Mills,	Fancy prints,	212	318	-	28	Good,	Post prices in weave room,	Complied.
Haskell & Co.,	Mercantile,	17	64	-	9	Good,	Discharge three boys under thirteen years; procure six certificates.	Complied.
Moore & Dick,	Mercantile,	7	15	-	3	Good,	Procure certificate,	Complied.
Bristol Mills,	Prints,	212	356	-	37	Good,	Provide seats; procure certificates,	Complied.
Potomski Mills, Nos. 1 and 2,	Fancy prints,	510	600	-	53	Good,	Procure certificate,	Complied.

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SPECIAL DUTY, MARY E. HALLEY, *Inspectress — Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Taunton.								
Poole Silver Co.,	Silverware,	36	5	-	1	Good,	Procure certificate,	Complied.
Corr Manufacturing Co.,	Fancy prints,	270	150	-	16	Good,	Post prices on spooling frames,	Complied.
Nemasket Mills,	Yarn,	169	81	-	19	Good,	Provide seats for women,	Complied.
Whittendon Mills,	Dress goods,	733	628	-	65	Good,	Change style D. O., as it exceeds maximum length,	Complied.
Elizabeth Poole Mill,	Blankets,	51	160	-	19	Good,	Provide seats; procure certificate,	Complied.
Reed & Barton,	Silverware,	320	49	-	3	Good,	Procure school certificate,	Complied.
Morton Bros.,	Laundry,	10	40	-	-	Good,	Post time notice,	Complied.
Cohannet Mill, No. 3,	Yarn,	267	140	-	39	Good,	Post time notice; post card-room price list,	Complied.
Cohannet Mills, Nos. 1 and 2,	Yarn,	175	145	-	50	Good,	Post prices; post time table,	Complied.
Canoe River Mill,	-	36	77	-	9	Fair,	Keep closets clean; whitewash closets,	Complied.

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Report of Inspectress Mary A. Nason.

I respectfully submit my second annual report as inspectress. I have found my second year's work easier and more pleasant than its predecessor, and trust that it has been satisfactory to all concerned.

There is a marked tendency all along the line toward better conditions, a desire to lessen the hours of labor, and a more strict observance of proper sanitary arrangements. It is a deplorable fact that the people themselves, both employees and patrons of stores and other public places, seem utterly oblivious in many cases to all laws regarding decency in the use of these conveniences.

Very few instances, comparatively, have come to my knowledge of the employment of children under fourteen years of age, and in every case they have been promptly dismissed.

Summary.

Number of inspections,	983
Orders issued,	342
Number of compliances,	341
Children between fourteen and sixteen employed,	777
Males (adults) employed,	8,782
Females (adults) employed,	12,368

Number of Inspections.

Boston,	565	Lowell,	63
South Boston,	37	Lawrence,	53
Cambridge,	11	Roxbury,	48
Dorchester,	7	Salem,	12
Field's Corner,	2	Springfield,	21
Fitchburg,	20	Waltham,	17
Holyoke,	14	Woburn,	5
Haverhill,	37	Worcester,	36
Lynn,	35		

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SPECIAL DUTY, ... MARY A. NASON, *Inspectress.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston.								
W. H. Smythe,	Dresses,	7	8	-	-	Good,	Post time table,	Complied.
H. S. Robbe,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
J. F. Woodman,	Dresses,	-	14	-	-	Good,	Post time table,	Complied.
Mme. Gray,	Millinery,	-	8	-	-	Fair,	Post time table,	Complied.
Chas. Patterson,	Corsets and skirts,	-	3	-	-	Good,	Post time table,	Complied.
M. J. Bernard,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
L. Starr & Co.,	Cloaks,	2	5	-	-	Good,	Post time table,	Complied.
E. J. Gannon,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
M. E. Dunlevy,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
C. D. Stevens,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
C. D. Stevens,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
G. S. McKenna,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
T. F. McKenna,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
J. A. McKenna,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
M. T. Greene & Co.,	Millinery,	-	7	-	-	Good,	Post time table,	Complied.
Mrs. R. Solomon,	Dresses,	2	2	-	1	Good,	Procure certificate,	Complied.

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M. J. Ahern,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
J. B. Babcock,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
M. Witcofsky,	Dresses,	2	3	-	2	Fair,	Post time table; procure two certificates,	Complied.
Horace Partridge & Co,	Mercantile,	20	5	-	1	Good,	Procure certificate,	Complied.
A. Fensuf,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
Atlas Manufacturing Co.,	Dresses,	8	7	-	-	Fair,	Post time table; provide additional closet,	Complied.
H. Goldberg & Co.,	Cloaks and suits,	2	5	-	-	Fair,	Post time table,	Complied.
L. J. Doyle,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
A. Rutman,	Dresses,	3	1	-	-	Good,	Post time table; observe fifty-eight hour law,	Complied.
Max Masse,	Mercantile,	1	2	-	1	Fair,	Procure certificate,	Complied.
Abram French Co,	Mercantile,	71	21	-	1	Good,	Procure certificate,	Complied.
Jones, McDuffee & Stratton Co.,	Mercantile,	93	17	-	1	Good,	Procure certificate,	Complied.
Hersham & Cramer,	Millinery,	-	3	-	1	Good,	Post time table,	Complied.
M. M. Fogerty,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
Emilie,	Millinery,	1	14	-	-	Good,	Post time table,	Complied.
Ferguson & Blakeley,	Restaurant,	2	15	-	-	Fair,	Provide additional closet,	Complied.
Mackie & Co.,	Tailoring,	2	9	-	-	Fair,	Post time table,	Complied.
Kalso Manufacturing Co.,	Art supplies,	1	4	-	-	Good,	Post time table,	Complied.
Etruscan Art Co,	Pictures,	1	3	-	-	Good,	Post time table,	Complied.
Elite Fur Co.,	Fur garments,	-	3	-	-	Good,	Post time table,	Complied.
A. J. Connor,	Hair goods,	1	1	-	-	Good,	Post time table,	Complied.
B. Bennett,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Myra W. Haynes,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
Hortense Arnould,	Millinery and feathers,	-	9	-	-	Good,	Post time table,	Complied.
H. P. Dyer,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
Mme. Davis,	Millinery,	-	5	-	-	Good,	Post time table,	Complied.
A. S. Ames,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
E. A. Beaton,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
M. H. Palmer,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
G. L. Higgins,	Millinery,	-	12	-	-	Good,	Post time table,	Complied.
Delsarte Manufacturing Co.,	Dresses, waists and underclothing.	2	3	-	-	Good,	Post time table,	Complied.
L. Dadovitch,	Furs,	-	3	-	-	Good,	Post time table,	Complied.
W. S. Warren,	Photographs,	2	2	-	-	Good,	Post time table; provide additional closet,	Complied.
S. B. Harvey,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
S. B. Hardey,	Dresses,	1	3	-	-	Good,	Post time table,	Complied.
C. Bates,	Underwear,	-	7	-	-	Good,	Post time table,	Complied.
E. L. D. Moffett,	Dresses,	-	12	-	-	Good,	Post time table,	Complied.
L. A. Turner,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.

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E. S. Badger,	Umbrellas,	1	3	-	-	Good,	Post time table,	Complied.
Paul Sarremeigna,	Millinery,	1	12	-	-	Good,	Post time table,	Complied.
T. C. Pazolt & Son,	Fur goods,	4	8	-	1	Good,	Post time table; procure certificate,	Complied.
E. Taylor,	Furs, dresses, millinery,	-	10	-	2	Good,	Post time table; procure certificates,	Complied.
Zion's Herald,	Printing,	3	7	-	-	Good,	Post time table,	Complied.
A. A. Waterman Co.,	Pews,	3	5	-	1	Good,	Post time table,	Complied.
Down's Art Manufacturing Co,	Art novelties,	-	1	-	-	Good,	Post time table,	Complied.
Dr. Jaeger's Sanitary Co.,	Mercantile,	3	3	-	1	Good,	Procure certificate,	Complied.
Mrs. L. Starrett,	Dresses,	1	14	-	-	Good,	Post time table,	Complied.
J. T. Lee,	Dresses,	-	13	-	-	Good,	Post time table,	Complied.
J. M. Goldie,	Dresses,	1	9	-	-	Good,	Post time table,	Complied.
A. F. Lisle,	Furs and dresses,	3	16	-	-	Good,	Post time table,	Complied.
G. Windish,	Furs,	1	1	-	-	Good,	Post time table,	Complied.
Geo. Solar,	Dresses,	3	3	-	-	Good,	Post time table,	Complied.
L. Lachambre,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
G. C. Clark,	Dresses,	-	13	-	-	Good,	Post time table,	Complied.
E. M. Martin,	Dresses,	-	7	-	-	Good,	Post time table,	Complied.
V. Ballou & Sons,	Dresses,	8	32	-	-	Good,	Post time table,	Complied.
M. J. Patterson,	Dresses,	-	9	-	-	Good,	Post time table,	Complied.
E. L. Kelley,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
Bowles & Co.,	Dresses,	-	6	-	1	Good,	Post time table,	Complied.
M. A. Fonda,	Furs,	4	3	-	-	Good,	Post time table,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
W. S. Partridge,	Furs and dresses,	-	6	-	-	Good,	Post time table,	Complied.
Boston Department Store Co.,	Mercantile,	15	107	-	7	Good,	Procure certificate,	Complied.
E. Charles,	Dresses,	3	13	-	-	Good,	Post time table,	Complied.
M. E. Weymouth,	Dresses,	-	15	-	-	Good,	Post time table,	Complied.
L. I. Nichols,	Dresses,	-	8	-	-	Good,	Post time table,	Complied.
G. W. Bragg,	Dresses,	-	8	-	-	Good,	Post time table,	Complied.
Como & Sullivan,	Dresses,	-	8	-	-	Good,	Post time table,	Complied.
E. C. King,	Dresses,	-	14	-	-	Good,	Post time table,	Complied.
C. A. Partridge,	Dresses,	-	12	-	-	Good,	Post time table,	Complied.
T. P. Bascom,	Dresses,	-	8	-	-	Good,	Post time table,	Complied.
Mrs. J. C. White,	Mercantile,	1	4	-	1	Good,	Procure certificate,	Complied.
Louis Valentin,	Dresses,	2	4	-	-	Good,	Post time table,	Complied.
The Jefferson Press,	Printing,	9	4	-	-	Good,	Post time table,	Complied.
Wright & Ditson,	Mercantile,	25	2	-	2	Good,	Procure two certificates,	Complied.
Torrey, Bright & Capen Co.,	Carpet sewing,	40	12	-	-	Good,	Post time table,	Complied.
M. J. Meagher,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.

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R. Rich,	Millinery,	-	2	-	-	Fair,	Post time table,	Complied.
M. A. Nichols,	Millinery,	-	5	-	-	Good,	Post time table,	Complied.
R. Newman,	Furs,	-	2	-	-	Fair,	Post time table,	Complied.
DeWolf, Fiske & Co.,	Mercantile,	36	7	-	1	Good,	Procure certificate,	Complied.
Wm. R. Hand,	Hats,	2	1	-	1	Good,	Procure certificate,	Complied.
Premier Perfumery Co.,	Mercantile,	1	6	-	1	Good,	Procure certificate,	Complied.
Dennison Manufacturing Co.,	Art department,	-	12	-	-	Good,	Post time table,	Complied.
Collins & Fairbanks Co.,	Mercantile,	16	4	-	2	Good,	Procure two certificates,	Complied.
Geo. E. Crosby & Co.,	Printing,	9	3	-	-	Good,	Post time table,	Complied.
Six Little Tailors,	Clothing,	41	19	-	1	Good,	Post time table; procure certificate,	Complied.
Six Little Tailors,	Mercantile,	14	1	-	1	Good,	Procure certificate,	Complied.
Jos. A. Jackson,	Mercantile,	5	1	-	1	Good,	Procure certificate,	Complied.
A. London,	Tailor,	3	2	-	-	Good,	Post time table,	Complied.
A. N. Cook & Co,	Furs,	-	5	-	-	Good,	Post time table,	Complied.
Noyes Bros.,	Mercantile,	21	9	-	3	Good,	Procure two certificates,	Complied.
E. A. Holton,	Photographs,	1	2	-	-	Good,	Post time table,	Complied.
E. W. Vaughn,	Confectionery,	2	2	-	-	Fair,	Post time table,	Complied.
E. W. Vaughn,	Mercantile,	2	1	-	-	Fair,	Provide additional closet,	Complied.
A. J. Lloyd & Co,	Mercantile,	75	5	-	2	Good,	Procure two certificates,	Complied.
Thomas Todd,	Printing,	21	19	-	-	Excellent,	Post time table,	Complied.
J. C. Littlefield,	Tailoring,	2	5	-	-	Excellent,	Post time table,	Complied.
S. S. Pierce & Co.,	Mercantile,	133	17	-	2	Good,	Procure two certificates,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
John G. Mitchell,	Tailoring,	16	5	-	-	Good,	Post time table; designate closet,	Complied.
B. Vesaxis Harris Co,	Mercantile,	2	3	-	1	Poor,	Procure certificate,	Complied.
B Vesaxis Harris Co.,	Confectionery,	1	2	-	-	Poor,	Provide additional closet; post time table,	Complied.
Alland Bros.,	Tailoring,	8	4	-	-	Fair,	Clean and designate closet; post time table,	Complied.
Notman Photo Co.,	Photos,	8	5	-	1	Good,	Clean closet; post time table; procure certificate,	Complied.
H. Karnow & Sons,	Gloves,	2	3	-	-	Fair,	Ventilate and designate closet,	In process.
S. A. Buckley,	Waists and underwear,	-	3	-	-	Good,	Post time table,	Complied.
J. E. Hattie,	Dresses,	-	8	-	1	Good,	Procure certificate,	Complied.
E. Zinn,	Dresses,	-	8	-	1	Good,	Procure certificate; post time table,	Complied.
M. E. McDonald,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
John Medina,	Hair goods,	-	14	-	-	Good,	Post time table,	Complied.
Wm. Filene & Sons,	Mercantile,	25	50	-	3	Good,	Procure certificate,	Complied.
G. H. Brackett & Co.,	Alterations,	-	4	-	-	Good,	Post time table,	Complied.
Mme. Dille,	Corsets,	-	3	-	1	Good,	Post time table; procure certificate,	Complied.
Richard O'Brien,	Tailoring,	4	21	-	-	Good,	Post time table,	Complied.
Atlantic & Pacific Tea Co.,	Mercantile,	9	1	-	1	Good,	Procure certificate,	Complied.

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Hassell & Co.,	Curtains,	4	20	-	-	Good,	Post time table,	Complied.
Walter M. Hatch & Co.,	Mercantile,	6	7	-	1	Good,	Procure certificate,	Complied.
Gilbert, Brooks & Tebbett,	Carpets,	11	4	-	-	Good,	Post time table,	Complied.
I. Jacobs,	Lace curtains,	-	8	-	1	Good,	Post time table,	Complied.
Jacob Dreyfus & Sons,	Gents' goods,	15	85	-	1	Good,	Post time table; procure certificate,	Complied.
The Thos. Long Co.,	Mercantile,	18	12	-	-	Good,	Provide additional closet,	Complied.
German Ladies' Tailoring Co.,	Dresses,	2	4	-	-	Good,	Post time table,	Complied.
Savoy Waist Co.,	Ladies' waists,	1	14	-	-	Good,	Post time table,	Complied.
H. Newman & Son,	Tailoring,	5	3	-	1	Good,	Procure certificate,	Complied.
B. Sandler,	Tailoring,	2	2	-	-	Good,	Post time table,	Complied.
F. B. Teuthorn,	Mercantile,	4	1	-	1	Good,	Procure certificate,	Complied.
F. W. Sherwood & Co.,	Shirts and waists,	2	9	-	-	Good,	Provide additional closet,	Moved.
G. Phillips & Co.,	Dresses,	4	2	-	-	Good,	Post time table,	Complied.
Atkinson Furniture Co.,	Carpets,	2	4	-	-	Good,	Post time table,	Complied.
S. Wingorsky,	Dresses,	2	2	-	-	Fair,	Post time table,	Complied.
I. Weinstok,	Dresses,	2	2	-	-	Fair,	Post time table,	Complied.
Foss Bros.,	Embroideries,	1	2	-	-	Good,	Post time table,	Complied.
Blanchard, King & Co.,	Shirt waists,	3	5	-	-	Good,	Post time table; provide additional closet,	Complied.
Yamanka & Co.,	Mercantile,	3	5	-	1	Good,	Procure certificate,	Complied.
C. F. Kirkland & Co.,	Mercantile,	2	3	-	1	Good,	Procure certificate,	Complied.
J. Bursteen,	Dresses,	3	2	-	-	Good,	Post time table,	Complied.
Mrs. A. H. Brown,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Allen, Hall & Co.,	Draperies,	-	3	-	-	Good,	Post time table,	Complied.
Theo. Jouval,	Hair goods,	1	1	-	1	Good,	Procure certificate,	Complied.
A. C. Smithson,	Dresses,	5	5	-	1	Good,	Post time table; procure certificate,	Complied.
Mme. Wiswell,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
Mayer & Bruce,	Dresses,	-	5	-	1	Good,	Post time table; procure certificate,	Complied.
H. F. Levy & Co.,	Tailoring,	8	7	-	-	Fair,	Post time table,	Complied.
R. B. Holmes,	Dresses,	-	5	-	-	Excellent,	Post time table,	Complied.
Brown & Hartford,	Dresses,	3	5	-	-	Excellent,	Post time table,	Complied.
D. Walkenstein,	Dresses,	4	2	-	-	Good,	Post time table,	Complied.
J. E. Davis,	Dresses,	-	8	-	-	Excellent,	Post time table,	Complied.
B. G. Rae,	Dresses,	-	6	-	-	Excellent,	Post time table,	Complied.
M. E. Quinn,	Dresses,	-	8	-	-	Excellent,	Post time table,	Complied.
E. R. Fraser,	Dresses,	-	10	-	-	Excellent,	Post time table,	Complied.
M. D. Gillette,	Dresses,	-	3	-	-	Excellent,	Post time table,	Moved.
M. Sweeney,	Dresses,	-	3	-	-	Excellent,	Post time table,	Complied.
A. B. Carlisle,	Dresses,	-	30	-	-	Excellent,	Post time table,	Complied.

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A. L. B. Potter,	Dresses,	-	8	-	-	Excellent,	Post time table,	Complied.
C. S. MacGregor,	Dresses,	-	6	-	-	Excellent,	Post time table,	Complied.
S. A. Johnson,	Dresses,	-	6	-	-	Excellent,	Post time table,	Complied.
A. E. Chevalier,	Dresses,	-	4	-	-	Excellent,	Post time table,	Complied.
A. G. Laskey,	Dresses,	-	2	-	-	Excellent,	Post time table,	Complied.
T. A. Moran,	Dresses,	-	8	-	-	Excellent,	Post time table,	Complied.
Badger & Comean,	Dresses,	-	2	-	-	Excellent,	Post time table,	Complied.
S. A. MacDougal,	Ladies' underwear,	-	2	-	-	Good,	Post time table,	Complied.
Hewins & Hollis,	Shirts,	4	17	-	-	Good,	Post time table; guard shafting,	Complied.
Hewins & Hollis,	Neckties,	-	8	-	-	Good,	Post time table; guard shafting,	Complied.
Mme. Jennie,	Dresses and millinery,	-	4	-	-	Good,	Post time table,	Complied.
L. Mode,	Upholstery,	3	3	-	-	Good,	Post time table,	Complied.
C. Scannell,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
M. L. Costello,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
Mme. Hildebrande,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
J. M. Connor,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
C. & J. Burk,	Dresses,	-	6	-	-	Good,	Post time table,	Complied.
E. F. Coyle,	Dresses,	-	6	-	-	Good,	Post time table,	Complied.
Mme. L. Rondelle,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
Mme Mitton Best,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
J. A. Boardman,	Dresses,	-	8	-	-	Good,	Post time table,	Complied.
M. V. Austin,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
M. M. Bradbury,	Dresses,	-	13	-	-	Good,	Post time table,	Complied.
Mme. J. Maass,	Dresses and millinery,	-	3	-	-	Good,	Post time table,	Complied.
J. Harrigan,	Dresses,	-	10	-	-	Good,	Post time table,	Complied.
L. Dimock,	Dresses,	-	5	-	-	Good,	Post time table,	Complied.
Raskind & Porlis,	Dresses,	6	1	-	-	Good,	Post time table,	Complied.
M. E. Taylor,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
B. Sommer & Co.,	Alterations,	-	23	-	-	Good,	Post time table,	Complied.
M. A. Friend,	Dresses,	-	12	-	-	Good,	Post time table,	Complied.
J. R. Robinson & Co.,	Millinery,	2	14	-	-	Good,	Post time table,	Complied.
Wolff, Fording & Co.,	Costumes,	-	5	-	-	Good,	Post time table,	Complied.
Wolff, Fording & Co.,	Curtains,	-	8	-	-	Good,	Post time table,	Complied.
A. E. Leighton,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
S. & M. Hamilton,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
J. M. Hawkins & Son,	Dyeing, cleaning and repairing.	1	1	-	-	Good,	Post time table,	Complied.
S. Hamburg,	Dresses,	1	3	-	-	Fair,	Post time table,	Complied.
Manning Tailoring Co.,	Tailoring,	13	6	-	-	Good,	Post time table,	Complied.

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Boston Music Co,	Mercantile,	9	3	-	1	Good,	Procure certificate,	Complied.
S. B. Wight,	Dresses,	-	20	-	-	Good,	Post time table,	Complied.
J. E. Coventry,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
Eagle Candy Manufacturing Co.,	Mercantile,	2	4	-	-	Good,	Provide seats,	Complied.
Eagle Candy Manufacturing Co.,	Mercantile,	5	5	-	-	Good,	Provide seats,	Complied.
John P. Lovell Arms Co.,	Mercantile,	65	20	-	2	Excellent,	Procure certificate,	Complied.
L. Almosinno,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
A. B. Munro,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
T. S. McMahon,	Millinery,	1	2	-	-	Good,	Post time table,	Complied.
A. G. Fowle,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
F. E. H. Heath,	Hats,	-	2	-	-	Good,	Post time table,	Complied.
E. P. Masse,	Overalls,	1	22	-	-	Good,	Post time table,	Complied.
Thos. Daley,	Tailoring,	1	2	-	-	Good,	Post time table,	Complied.
G. A. Folsom & Co.,	Mercantile,	3	4	-	1	Good,	Procure certificate,	Complied.
Pitts, Kimball Co.,	Mercantile,	66	225	-	26	Good,	Procure six certificates,	Complied.
Pitts, Kimball Co.,	Alteration,	-	3	-	-	Good,	Post time table,	Complied.
Mme. Gookin,	Millinery,	2	16	-	-	Good,	Post time table,	Complied.
C. H. Phillips,	Mercantile,	1	7	-	1	Excellent,	Procure certificate,	Complied.
Geo. M. Wethern & Co,	Millinery,	1	69	-	-	Excellent,	Post time table,	Complied.
Hanley & Thompson,	Confectionery,	6	5	-	-	Good,	Post time table; designate closet,	Complied.
Geo. E. Homer,	Mercantile,	4	9	-	1	Good,	Procure certificate,	Complied.
Conrad & Co.,	Alteration,	-	20	-	-	Good,	Post time table,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Gilchrist & Co.,	Alteration,	-	10	-	-	Good,	Post time table,	Complied.
Shepard, Norwell & Co.,	Mercantile,	275	200	-	54	Good,	Procure ten certificates,	Complied.
Raymond Syndicate,	Mercantile,	42	35	-	1	Good,	Procure certificate,	Complied.
Chandler & Co.,	Mercantile,	10	40	-	12	Excellent,	Procure five certificates,	Complied.
A. Stowell & Co.,	Mercantile,	35	45	-	12	Excellent,	Procure three certificates,	Complied.
J. J. O'Callaghan & Co.,	Mercantile,	5	23	-	1	Good,	Procure certificate,	Complied.
Meyer, Jonasson & Co.,	Mercantile,	5	40	-	3	Excellent,	Procure three certificates,	Complied.
Meyer, Jonasson & Co.,	Alterations,	-	40	-	-	Excellent,	Post time table,	Complied.
R. H. White & Co.,	Mercantile,	730	860	-	75	Excellent,	Procure fourteen certificates,	Complied.
Dorchester.								
N. L. Parks,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
C. E. Forrest,	Millinery,	-	7	-	-	Good,	Post time table,	Complied.
M. Feeny,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
T. A. Macomber,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
E. L. Chalker,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.

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Field's Corner.								
M. E. Hogan,	Dresses,	-	10	-	-	Good,	Post time table,	Complied.
Fitchburg.								
M. G. Norton,	Millinery,	-	3	-	-	Good,	Post time table; decrease hours,	Complied.
White & Currier,	Millinery,	-	4	-	-	Poor,	Provide additional closet,	Complied.
Holyoke.								
W. H. Norris,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
Haverhill.								
Bishop & Crosby,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
B. T. Pickard,	Mercantile,	6	4	-	-	Fair,	Provide additional closet,	Complied.
C. N. Rhodes,	Mercantile,	1	9	-	1	Good,	Procure certificate,	Complied.
J. G. Burke,	Millinery,	-	5	-	-	Excellent,	Post time table,	Complied.
Mme. Marcotte,	Millinery,	-	7	-	-	Excellent,	Post time table,	Complied.
Mitchell & Co.,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
E. Harris,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
South Boston.								
Chipman, Pratt Co ,	Shoes,	21	15	-	-	Good,	Post time table,	Complied.
Chase, Chamberlain & Co.,	Shoes,	70	40	-	-	Good,	Post time table; procure four certificates; designate closets.	Complied.
K. G. & A. T. Fallon,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
M. A. Fitzgerald,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
South Boston — Con.								
A. F. Caldwell,	Dresses,	-	10	-	-	Good,	Post time table,	Complied.
L. J. Hayes,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
A. A. Sheridan,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
G. Ryan,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
A. A. Brown,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
J. C. Foster,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
M. E. Castnor,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
M. A. Mayers,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
The Bouquet,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
H. E. Loney,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
K. L. Cassidy,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
R. Isaacs,	Mercantile,	1	1	-	1	Good,	Procure certificate,	Complied.
Cambridge.								
E. G. Wood,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
C. Miller,	Millinery,	-	5	-	-	Good,	Post time table,	Complied.

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Lynn.									
Goddard Bros.,	Millinery,	-	3	-	-	Good,	Post time table; decrease hours,	Complied.
Doty & Mansfield,	Millinery,	-	3	-	1	Good,	Procure certificate,	Complied.
A. H. Twiford,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
G. H. Robie,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
Lowell.								
Chris. Holmes,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
B. E. Willard,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
J. E. Burbank,	Millinery,	-	5	-	-	Good,	Post time table; decrease hours,	Complied.
E. Courville,	Dresses,	-	12	-	-	Good,	Post time table; decrease hours,	Complied.
E. Pelletier,	Mercantile,	2	3	-	1	Good,	Procure certificate,	Complied.
Mrs. Maxine Lepine,	Millinery,	-	3	-	-	Good,	Post time table; decrease hours,	Complied.
Mme. Lambert,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
F. Racicot,	Dresses,	-	3	-	-	Good,	Post time table; decrease hours,	Complied.
J. Bessonnette,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
A. E. Pare,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
H. D. Guillet,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
Johnson's,	Millinery,	-	3	-	-	Good,	Post time table; decrease hours,	Complied.
L. L. Lonto,	Dresses,	-	6	-	-	Good,	Post time table,	Complied.
A. Cortu,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
Mme. Gregoire,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
Lena Lalumiere,	Millinery,	-	17	-	-	Good,	Post time table; decrease hours,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Continued.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Lowell — Con.								
Emma Drainville,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
J. V. De Creysson,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
Katie McDonald,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
P. B. Kirechner,	Dress plaiting,	-	2	-	-	Excellent,	Post time table,	Complied.
O'Donnell, Gilbride Co.,	Mercantile,	60	40	-	-	Good,	Ventilate women's closet,	Complied.
Lawrence.								
Harry Block,	Millinery,	-	3	-	-	Good,	Post time table,	Complied.
Byron, Truell & Co.,	Mercantile,	19	10	-	1	Good,	Procure certificate,	Complied.
Foster, Brown & Co.,	Ladies' garments,	1	4	-	-	Good,	Post time table,	Complied.
E. Guilmet,	Dresses,	-	3	-	-	Fair,	Post time table; decrease hours,	Complied.
H. B. Woodman,	Millinery,	-	4	-	-	Good,	Post time table; decrease hours,	Complied.
M. Chassi,	Dresses,	-	8	-	-	Good,	Post time table; decrease hours,	Complied.
W. D. Clark,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
Roxbury.								
S. C. Selby,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.

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S. C. Reidell,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
L. M. Coffay,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
A. Girard,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
Cressey & Smith,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
Warren Tailoring Co.,	Tailoring,	7	3	-	-	Good,	Post time table,	Complied.
Donald Kennedy,	Medicine,	3	3	-	-	Good,	Post time table,	Complied.
Mme. Jackson,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
E. E. Neill,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
A. L. Ashcroft,	Dresses,	-	4	-	-	Good,	Post time table,	Complied.
J. W. Roberts,	Mercantile,	-	3	-	1	Good,	Procure certificate,	Complied.
Jas. Dalton & Co.,	Mercantile,	4	1	-	1	Good,	Procure certificate,	Complied.
Kerr & Schofield,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
J. M. Sullivan,	Millinery,	-	3	-	1	Good,	Post time table; procure certificate,	Complied.
Central Manufacturing Co.,	Skirts and waists,	-	3	-	-	Good,	Post time table,	Complied.
A. Sundelin,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
M. A. O'Neill,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
A. M. Sanborn & Co.,	Millinery,	-	5	-	-	Good,	Post time table,	Complied.
T. J. Culverwell,	Mercantile,	-	2	-	-	Fair,	Furnish seats for women,	Complied.
J. M. Sullivan,	Millinery,	-	4	-	-	Good,	Post time table,	Complied.
Timothy Smith & Co.,	Mercantile,	30	90	-	4	Good,	Procure four certificates,	Complied.
G. A. Folsom & Co.,	Mercantile,	3	4	-	1	Good,	Procure certificate,	Complied.

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SPECIAL DUTY, MARY A. NASON, *Inspectress — Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Salem.								
I. Levin,	Dresses,	-	3	-	-	Good,	Post time table,	Complied.
Briggs & Wilkins,	Mercantile,	3	4	-	1	Good,	Procure certificate,	Complied.
F. W. Woolworth & Co.,	Mercantile,	2	15	-	1	Good,	Procure certificate,	Complied.
Springfield.								
Henry R. Johnson,	Mercantile,	12	9	-	3	Good,	Procure certificate,	Complied.
Mme. Fournier,	Millinery,	-	6	-	-	Good,	Post time table,	Complied.
Geo. F. Quigley,	Dresses,	-	7	-	-	Good,	Post time table,	Complied.
Waltham.								
M. M. Doyle,	Millinery,	-	7	-	1	Good,	Post time table; procure certificate,	Complied.
T. G. Flynn,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
Carl Blomberg,	Tailoring,	4	3	-	-	Good,	Post time table,	Complied.
A. S. Verette,	Dresses,	-	2	-	-	Good,	Post time table,	Complied.
Woburn.								
C. Packard,	Millinery,	-	2	-	-	Good,	Post time table,	Complied.
E. J. Callahan,	Millinery,	-	5	-	-	Good,	Post time table,	Complied.

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Worcester.									
Eureka Skirt Co.,	Skirts and waists,	-	12	-	-	Good,	Post time table,	Complied.
M. McHugh,	Millinery,	-	5	-	-	Good,	Post time table,	Complied.
J. C. MacInnes Co.,	Millinery,	-	30	-	-	Excellent,	Post time table,	Complied.
J. C. MacInnes Co.,	Alterations,	-	12	-	-	Excellent,	Post time table,	Complied.
James McDermott,	Mercantile,	5	5	-	-	Fair,	Provide additional closet,	Complied.
C. S. Goddard & Son,	Shoes,	145	30	-	1	Fair,	Procure certificate,	Complied.

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Report of Elevators Inspected.

DISTRICT NO. 1. CHARLES E. BURFITT, *Inspector.*

NAME OF BUILDING.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Ayer.				
W. T. Piper & Co.,	1	Good,	None,	-
Levi W. Phelps,	1	Good,	None,	-
Ayer Tanning Co.,	1	Good,	None,	-
Ayer Tanning Co.,	1	Poor,	Repair safety,	Complied.
Ayer Preserving Co,	1	Good,	None,	-
The K. C. Manufacturing Co.,	1	Good,	None,	-
Arlington.				
Theodore Swamb & Co.,	1	Good,	None,	-
Samuel H. Fowle,	2	Good,	None,	-
Charles Gott,	1	Good,	None,	-
South Acton.				
A. Merriam,	1	Poor,	Repair safety,	Complied.
A. Merriam,	1	Good,	None,	-
West Acton.				
T. R. Knowlton,	1	Good,	None,	-
Burlington.				
M. E. Carter,	1	Good,	None,	-
Concord Junction.				
G. A. Conant,	1	Good,	None,	-
Cambridge.				
Ivers & Pond Piano Co.,	2	Good,	None,	-
Ginn Co.,	2	Good,	None,	-
Kennedy Biscuit Co.,	4	Good,	None,	-
Kennedy Biscuit Co.,	2	Poor,	Repair safety,	Complied.
Reversible Collar Co.,	4	Good,	None,	-
J. H. H. McNamee,	1	Good,	None,	-
Russell Manufacturing Co.,	1	Good,	None,	-
Jenson Brothers,	1	Good,	None,	-
Geo. G. Page Box Co.,	2	Good,	None,	-
Lysender Kemp & Son,	1	Good,	None,	-
D. M. Hazen & Co.,	1	Good,	None,	-
Boston Rubber Hose Co.,	3	Good,	None,	-
Bay State Confectionery Co.,	1	Good,	None,	-
Revere Sugar Refinery,	2	Good,	None,	-
Revere Sugar Refinery,	1	Poor,	Repair safety,	Complied.
Richard Tyner & Son,	1	Good,	None,	-
W. L. Lockhart & Co.,	1	Good,	None,	-
Geo. Close & Son,	1	Good,	None,	-
H. O. Houghton & Co.,	3	Good,	None,	-
B. P. Clark & Co.,	1	Good,	None,	-
Henderson Brothers,	1	Poor,	Repair safety,	Complied.
Henderson Brothers,	1	Good,	None,	-
Seelye Manufacturing Co.,	1	Good,	None,	-
Laminer Fiber Co.,	1	Good,	None,	-
University Press,	1	Poor,	Repair safety,	Complied.
John C. Dow & Co.,	1	Poor,	Repair safety,	Complied.
American Net Twine Co.,	3	Good,	None,	-
James H. Roberts & Co.,	1	Good,	None,	-
Geo. Blake & Co.,	7	Good,	None,	-
James C. Davis & Son,	2	Good,	None,	-
Barbour, Stockwell & Co.,	1	Good,	None,	-
Barbour, Stockwell & Co.,	1	Poor,	Repair safety,	Complied.
Hugh Stewart & Co.,	1	Good,	None,	-
Riverside Boiler Co.,	1	Good,	None,	-
Sevey Manufacturing Co.,	1	Good,	None,	-
Curtis, Davis & Co.,	5	Good,	None,	-
Mason & Hamlin,	2	Good,	None,	-
American Rubber Co.,	4	Good,	None,	-
A. H. Hews' Pottery,	2	Poor,	Repair safety,	Complied.
A. H. Hews' Pottery,	3	Good,	None,	-
Henry Thayer & Co.,	1	Good,	None,	-
Broadway Foundry,	1	Good,	None,	-
Stewart Brothers & Co.,	2	Good,	None,	-
O. Brigham & Co.,	1	Good,	None,	-
Morse & Whyte,	3	Good,	None.	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Cambridge — Con.				
John P. Squires,	5	Poor,	General repairs,	Complied.
John P. Squires,	7	Good,	None,	-
Boston Packing Co.,	1	Good,	None,	-
W. H. Burk,	1	Good,	None,	-
North Packing Co.,	15	Good,	None,	-
N. E. D. Meat & Wool Co.,	4	Good,	None,	-
Damon Safe Co.,	1	Good,	None,	-
Adolph Somers,	1	Poor,	Repair safety,	Complied.
O. G. Petterson,	1	Good,	None,	-
Beacon Laundry,	1	Good,	None,	-
Cambridge Diary Co.,	1	Good,	None,	-
Riverside Bindery,	1	Good,	None,	-
D. Bartlett,	1	Good,	None,	-
Dover Stamping Co.,	1	Good,	None,	-
E. & R. Laundry,	1	Good,	None,	-
Hall Brothers,	1	Poor,	Repair safety,	Complied.
Cambridge Laundry,	1	Good,	None,	-
C. B. Moller,	1	Good,	None,	-
Irving & Casson,	1	Good,	None,	-
J. H. Keenan & Co.,	1	Good,	None,	-
Keeler & Co.,	1	Good,	None,	-
A. B. & E. L. Shaw,	1	Good,	None,	-
John Quinn,	1	Good,	None,	-
Sawyer Belting Co.,	1	Good,	None,	-
Charles Place,	1	Good,	None,	-
A. H. Davenport,	3	Good,	None,	-
S. Tower, Sons & Co.,	1	Poor,	Repair safety,	Complied.
S. Tower, Sons & Co.,	1	Poor,	New rope,	Complied.
I. G. Hersey,	1	Good,	None,	-
Standard Brass Co.,	1	Good,	None,	-
Blackard & Shepard,	1	Good,	None,	-
Lewis R. Spear Laundry,	1	Good,	None,	-
Charles Waugh,	1	Good,	None,	-
H. F Sparrow,	1	Good,	None,	-
McDonald Brothers,	1	Good,	None,	-
John Reardon & Son,	2	Good,	None,	-
John Reardon & Son,	1	Poor,	Repair safety,	Complied.
C L. Jones & Co.,	1	Good,	None,	-
Lamb & Ritchie,	2	Good,	None,	-
Geo. R. Oliver,	2	Good,	None,	-
Harvard Piano Co.,	1	Good,	None,	-
Everett.				
Andrews & Co.,	1	Good,	None,	-
Edward Dewey Co.,	1	Good,	None,	-
L. Libbman,	1	Good,	None,	-
H. D. Gloyd,	1	Good,	None,	-
Groton.				
Groton School Laundry,	1	Good,	None,	-
Hudson.				
F. Brigham & Co.,	2	Good,	None,	-
Hudson Worsted Co.,	1	Good,	None,	-
Bradley & Sayward,	1	Good,	None,	-
L T. Jefts & Co.,	1	Good,	None,	-
Stow, Bill & Hawley,	1	Good,	None,	-
Sawyer Box Co ,	1	Good,	New cable,	Complied.
Dun, Green & Co.,	1	Good,	None,	-
Novelty Box Co.,	1	Good,	None,	-
Littleton.				
Conant & Houghton,	1	Good,	None,	-
Avery Chemical Co.,	1	Poor,	Repair safety,	Complied.
Maynard.				
American Woollen Co.,	1	Poor,	General repairs,	Complied.
American Woollen Co.,	4	Good,	None,	-
Harriman Brothers,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Melrose.				
R. H. Sarcome,	1	Good,	None,	-
C. E. Travis,	1	Good,	None,	-
Boston Rubber Shoe Co.,	1	Poor,	Repair safety,	Complied.
Boston Rubber Shoe Co.,	8	Good,	None,	-
A. W. Chesterton & Co.,	1	Poor,	Repair safety,	Complied.
Medford.				
Oliver Whyte,	1	Good,	None,	-
United States Rubber Co.,	1	Good,	None,	-
Glenwood Mills,	1	Good,	None,	-
Mystic Print Works,	2	Good,	None,	-
Malden.				
C. T. Joslyn & Co.,	1	Good,	None,	-
G. P. Cox Last Co.,	1	Good,	None,	-
Wadsworth & Howland,	1	Good,	None,	-
Middlesex Last Co.,	1	Good,	None,	-
Franklin Rubber Co.,	1	Good,	None,	-
Jordan & Christie,	1	Good,	None,	-
Robenson Brothers,	2	Good,	None,	-
John Cockran Co.,	1	Good,	None,	-
Webster & Co.,	1	Poor,	Repair safety,	Complied.
Webster & Co.,	2	Good,	None,	-
Malden Last Co.,	1	Good,	None,	-
Wiggens & Stevens,	3	Good,	None,	-
S. E. Vaughn,	1	Good,	None,	-
Boston Rubber Shoe Co.,	7	Good,	None,	-
Pepperell.				
Nashua River Paper Co.,	4	Good,	None,	-
Gregory, Shaw & Co.,	1	Poor,	Repair safety,	Complied.
Gregory, Shaw & Co.,	2	Good,	None,	-
Champion Paper Co.,	1	Poor,	Repair safety,	Complied.
Flagg Manufacturing Co.,	1	Good,	None,	-
Pepperell Card Paper Co.,	1	Poor,	General repairs,	Complied.
Pepperell Card Paper Co.,	1	Good,	None,	-
Reading.				
E. A. Vinton & Co.,	1	Good,	None,	-
E. B. Ricardson,	1	Good,	None,	-
Geo. Adams & Co.,	1	Good,	None,	-
Shirley.				
C. A. Edgerton M'f'g Co.,	1	Poor,	Repair safety,	Complied.
Samson Cordage Co.,	1	Good,	None,	-
Somerville.				
Sprague & Hathaway,	1	Good,	None,	-
Union Glass Co.,	1	Good,	None,	-
Sturtivent & Hailey,	1	Good,	None,	-
W. K. Lewis Brothers,	1	Good,	None,	-
Kiley Brothers,	1	Good,	None,	-
Somerville Journal,	1	Good,	None,	-
American Tube Works,	2	Good,	None,	-
Middlesex Bleachery,	2	Good,	None,	-
Derby Desk Co.,	1	Poor,	General repairs,	Complied.
Derby Desk Co.,	2	Good,	None,	-
John Ball,	1	Good,	None,	-
Cushing Brothers Co.,	1	Good,	None,	-
Williams Table Co.,	1	Good,	None,	-
Stoneham.				
T. H. Jones,	2	Good,	None,	-
H. B. Tucker,	1	Good,	None,	-
William Tidd & Co.,	1	Poor,	General repairs,	Complied.
William Tidd & Co.,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Stoneham — Con.				
P. Cogan & Son,	1	Good,	None,	-
H. Hersam,	1	Good,	None,	-
W. P. Fletcher,	1	Good,	None,	-
C. A. Fitzgerald,	2	Good,	None,	-
M. F. Baker,	1	Good,	None,	-
Henry Boyce & Son,	1	Good,	None,	-
Geo Turner Shoe Co.,	1	Good,	None,	-
Blank Brothers,	1	Good,	None,	-
Townsend.				
Spaulding Brothers,	1	Good,	None,	-
Winchester.				
Beggs & Cobb,	1	Poor,	New cable,	Complied.
Beggs & Cobb,	1	Good,	None,	-
McKay Machine Co.,	1	Good,	None,	-
Wilmington.				
Perry & Harriman,	1	Good,	None,	-
Woburn.				
Griffin Place,	1	Poor,	New cable,	Complied.
J. M. Carr,	1	Good,	None,	-
Russell Counter Co.,	1	Good,	None,	-
Groth & Pollard,	1	Good,	None,	-
E. Rollins,	1	Good,	None,	-
E. C. Cottle & Son,	1	Good,	None,	-
James Skinner & Co.,	4	Good,	None,	-
W. C. Kenney,	1	Poor,	General repairs,	Complied.
Steven Dow & Co.,	1	Good,	None,	-
J. P. Crane & Co.,	1	Good,	None,	-
Beggs & Cobb,	1	Good,	None,	-
Middlesex Tannery,	1	Poor,	Repair safety,	Complied.
Middlesex Tannery,	1	Good,	None,	-
Cummings & Co.,	1	Poor,	New cable,	Complied.
Watauga Tanning Co.,	1	Good,	None,	-
Geo. A. Simonds & Co.,	1	Good,	None,	-
James Buel,	1	Good,	None,	-
T. Calnan,	1	Good,	None,	-
W. P. Fox & Son,	1	Good,	None,	-
B. F. Kimball,	1	Good,	None,	-
Merrimac Chemical Co.,	1	Good,	None,	-
Merrimac Chemical Co.,	4	Poor,	Repair safety,	Complied.
Beader & Adamson,	2	Good,	None,	-
Wayland.				
M. C. Griffin,	1	Good,	None,	-
Williams Shoe Co.,	1	Good,	None,	-
C. W. Dean & Sons,	1	Poor,	Repair safety,	Complied.
C. W. Dean & Sons,	1	Good,	None,	-
Wakefield.				
Harvard Knitting Co.,	2	Good,	None,	-
L. B. Evens,	1	Good,	None,	-
Smith & Anthony,	1	Poor,	New rope,	Complied.
Smith & Anthony,	1	Good,	None,	-
Henry Miller Piano Co.,	1	Poor,	New rope,	Complied.
Wakefield Rattan Co.,	10	Good,	None,	-
Cutter Brothers,	1	Good,	None,	-
Waltham.				
Boston Manufacturing Co.,	9	Good,	None,	-
American Laundry,	1	Good,	None,	-
Waltham Laundry,	1	Good,	None,	-
Waltham Manufacturing Co.,	1	Good,	None,	-
Waltham Emery Wheel Co.,	1	Good,	None,	-
American Crayon Co.,	1	Good,	None,	-
Boston Mfg. Co. Bleachery,	3	Good,	None,	-
American Waltham Watch Co.	1	Good,	None,	-

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Report of Elevators Inspected.

DISTRICT NO. 2. JOSEPH HALSTRICK, *Inspector.*

NAME OF BUILDING.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Ashland.				
Warren Thread Co.,	1	Good,	None,	-
Pingree & Brewer,	1	Good,	None,	-
Bellingham.				
Taft, Murdock & Co.,	1	Good,	None,	-
Franklin.				
Trowbridge Piano Co.,	1	Good,	None,	-
E. P. Bassett & Co.,	1	Good,	None,	-
Framingham.				
Armour & Co.,	1	Good,	Keep gates to elevator well closed when not in use.	Complied.
T. L. Barbor,	1	Good,	None,	-
Smalley & Co.,	1	Good,	Guard elevator well,	Complied.
Dennison Mfg. Co.,	6	Good,	None,	-
Gregory, Shaw & Co.,	2	Good,	None,	-
A. M. Eames,	1	Good,	None,	-
Framingham Box Co.,	1	Good,	None,	-
Saxonville Mill,	3	Good,	None,	-
Hopkinton.				
Crooks, Root & Co.,	1	Good,	None,	-
Cloutman, Dunham & Co.,	1	Good,	None,	-
F. H. Claflin,	1	Good,	Keep bars down when elevator is not in use.	Complied.
Hopedale.				
Draper Co.,	5	Good,	None,	-
Holliston.				
John Clancy,	1	Good,	None,	-
Milford.				
Milford Shoe Co., No. 2,	2	Good,	None,	-
Milford Shoe Co., No. 1,	2	Good,	None,	-
Clapp, Huckins & Temple,	1	Good,	Repair gate to elevator well and rope to counter-balance.	Complied.
Greene Bros.,	1	Good,	None,	-
New England Rubber Co.,	1	Fair,	Guard elevator well,	Complied.
Millis.				
Clicquoit Club Bottling Co.,	1	Good,	None,	-
Medway.				
Cole & Senior,	2	Good,	None,	-
Marlborough.				
S. H. Howe Co. (M.),	1	Good,	None,	-
S. H. Howe Shoe Co. (F.),	1	Good,	None,	-
John A. Frye,	2	Good,	None,	-
S. H. Howe Shoe Co. (A.),	1	Good.	None,	-
S. H. Howe Shoe Co. (O.),	1	Good,	None,	-
John O'Connell & Sons,	1	Good,	None,	-
Elmer Loring,	1	Good,	None,	-
Henry Parsons,	1	Good,	None,	-
The Willard Machine Co.,	1	Good,	None,	-
E M. Low Paper Box Co.,	1	Good,	None,	-
O. H. Stevens Paper Box Co.,	1	Good,	None,	-
Frank & Duston,	1	Good,	Keep gates to elevator well closed when not in use.	Complied.
Rice & Hutchins,	1	Good,	None,	-
Rice & Hutchins Middlesex Co.	1	Good,	None,	-
Rice & Hutchins, Cotting Ave.,	1	Good,	Repair elevator platform,	Complied.
Natick.				
Nutt & Pratt,	2	Good,	None,	-
J. W. Wolcott & Co.,	1	Good,	None,	-
Johnson, Dale & Aldrich,	1	Good,	None,	-
E. Dowd,	1	Good,	None,	-
E. Edwards,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Natick — Con.				
Wm. F. Pfieffer,	1	Good,	None,	-
Schneider Bros. & Co.,	1	Fair,	None,	-
Needham.				
Union Cycle Mfg. Co.,	1	Good,	None,	-
Southborough.				
Cordaville Woolen Co.,	1	Good,	None,	-
Wellesley.				
Dudley Mills,	1	Good,	Guard elevator well,	Complied.
Charles River Paper Mill,	2	Good,	None,	-

Report of Elevators Inspected.

District No. 3. NAROY G. BURLEIGH, *Inspector.*

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
East Watertown.				
Hood Rubber Co.,	1	Good,	None,	-
Bemis Mills,	1	Good,	None,	-
Newton.				
Silver Lake Co.,	1	Good,	None,	-
Newton Machine Co.,	1	Good,	None,	-
Newton Machine Co.,	1	Good,	None,	-
Newton Machine Co.,	1	Good,	None,	-
Newton Machine Co.,	1	Good,	None,	-
Newton Machine Co.,	1	Poor,	New hoisting and counterbalance wire cables.	Complied.
Gamewell Fire Alarm Co.,	1	Good,	None,	-

Report of Elevators Inspected.

District No. 4. MALCOLM SILLARS, *Inspector.*

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Chelsea.				
Stickney, Terrell & Co.,	1	Poor,	Provide new rope,	Complied.
Seaver & Co.,	1	Good,	None,	-
Austin & Graves,	2	Good,	None,	-
Magee Furnace Co.,	5	Good,	None,	-
Thos. Strahn Paper Co.,	1	Good,	None,	-
W. H. Norris & Co.,	1	Good,	None,	-
Magoun Leather Co.,	1	Good,	None,	-
American Fire Hose Co.,	1	Good,	None,	-
Albino, Lord & Co.,	1	Good,	None,	-
Boston Car Wheel Co.,	1	Good,	None,	-
L. C. Chace Co.,	1	Good,	None,	-
White-Holeman Co.,	1	Good,	None,	-
G. D. Emery,	1	Good,	None,	-
Halway Manufacturing Co.,	1	Poor,	Repair hoisting rope,	Complied.
Lynch Bros.,	1	Good,	None,	-
A. S. Rogers Shoe Co.,	1	Good,	None,	-

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Report of Elevators Inspected — Concluded.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Chelsea — Con.				
C. F. Kelley & Co.,	1	Good,	None,	-
Atwood & McManus,	1	Good,	None,	-
J. H. Falkins,	1	Good,	None,	-
Forbes Litho. Co.,	3	Good,	None,	-
Bartell & Thehan,	1	Good,	None,	-
Revere.				
D. & L. Slade Co.,	1	Good,	None,	-
Metropolitan Bath House,	2	Good,	None,	-

Report of Buildings Inspected.

District No. 5. LEWIS F. F. ABBOTT, *Inspector.*

Name of Building.	Orders Given.	Compliances.
Athol.		
Summit House,	Provide red lights,	Complied.
Barre.		
Williams' Building,	Provide ropes,	Complied.
Gardner.		
Ryan Block,	Poor egress; reported to Mr. Dyson,	-
Stevens' Block,	One stairway removed, reported to Mr. Dyson.	-
Princeton.		
Fern Side,	Provide another exit from attic,	Complied.
Wachusett House,	Place plaster or metal back of range,	Complied.
Spencer.		
Hotel Waldo,	Provide ropes and red lights,	Complied.
Spencer Hotel,	Provide outside stairs,	*
Windsor House,	Stairs must not be removed,	Complied.
Worcester.		
Mary L. Rice,	Poor egress; reported to Mr. Dyson,	-
Hotel Stanwix,	Provide ropes and fire pails,	Complied.
Hotel Kenmore,	Provide ropes, red lights and gongs,	Complied.
Hotel Glendower,	Provide ropes, red lights and water,	Complied.
Lincoln House,	Provide ropes and gongs,	Complied.
Hotel Brunswick,	Provide more red lights,	Complied.
Commonwealth Hotel,	Provide more red lights,	Complied.
Arlington House,	Provide fire pails and red lights,	Complied.
City Hotel,	Provide ropes and fire pails,	Complied.
The Windsor,	Provide fire pails,	Complied.
Hotel Pelham,	Provide gongs and fire pails,	Complied.
Bay State House,	Provide gongs and ropes,	Complied.
U. S. Hotel,	Provide more ropes and fire pails,	Complied.
German American House,	Provide means of extinguishing fire,	Complied.
The Rialto,	Provide fire pails,	Complied.
Exchange Hotel,	Provide gongs and fire pails,	Complied.
Hamilton House,	Replace ropes in rooms,	Complied.
Brandon House,	Provide ropes,	Complied.
No. 303 Main Street,	Extend fire-escape,	Complied.
Central House,	Provide fire pails,	Complied.
Public Market,	Provide new cable to elevator,	Complied.
Mary F. Fisher,	Provide better egress,	Complied.
E. G. Higgins Co.,	Comply with section 3, chap. 481,	Complied.

* In process of construction.

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Report of Elevators Inspected.

DISTRICT No. 6. JOHN F. TIERNEY, *Inspector.*

NAME OF BUILDING.	No. of Elevators.	Condition.	Orders Given.	Compliances.
New Bedford.				
Bristol Manufacturing Corp.,	1	Good,	None,	-
Whitman Mills,	1	Good,	None,	-
Wamsutta Mills,	12	Good,	New ropes,	Complied.
Acushnet Mill Corporation,	4	Good,	New ropes; repair safety device.	Complied.
Dartmouth Mfg. Co.,	2	Good,	None,	-
Hathaway Mfg. Corp.,	3	Good,	Repair safety device,	Complied.
Potomska Mills,	2	Good,	None,	-
Pierce Mfg. Corp.,	2	Good,	None,	-
Cornell Stocking Corp.,	1	Good,	Repair safety device,	Complied.
Grinnell Mfg. Corp.,	3	Good,	None,	-
Bennett Mills,	5	Good.	None,	-
Rotch Spinning Co.,	4	Good,	None,	-
Howland Mills,	2	Good,	None,	-
City Manufacturing Corp.,	3	Good,	New ropes,	Complied.
New Bedford Spinning Co.,	2	Good,	Repair safety device,	Complied.
National Biscuit Co.,	2	Good,	Repair gates,	Complied.
Hathaway, Soule & Harrington.	1	Good,	None,	-
National Cordage Co.,	2	Good,	None,	-
J. C. Rhods & Co.,	2	Good,	None,	-
Wm. R. West,	1	Good,	None,	-
Morsse Twist Drill Co.,	3	Good,	None,	-
C. F. Wing,	2	Good,	None,	-
Pairpoint Mfg. Co.,	5	Good,	None,	-
W. S. Hills Electric Co.,	1	Bad,	New gates; repair safety device.	Will comply.
Sandwich.				
A. V. Johnson & Co.,	1	Good,	None,	-
Cottage City.				
Cornell & Mayhew,	1	Bad,	New gates; put safety on elevator.	Complied.
Fairhaven.				
Atlas Tack Co,	2	Good,	None,	-
Thatcher Bros.,	1	Good,	None,	-
Fairhaven Iron Foundry,	1	Good,	Repair safety device,	Complied.
Taunton.				
Cohannet Mills,	6	Good,	None,	-
Whittenton Mfg. Co.,	8	Good,	New automatic gates,	Complied.
D. E. Makpease,	1	Good,	None,	-
Cannoe River Mills,	1	Good,	None,	-
Elizabeth Pool Mills,	2	Good,	None,	-
Reed & Barton,	3	Good,	None,	-
Carr Manufacturing Co.,	1	Good,	None,	-
Nemasket Mills,	1	Good,	None,	-
Atlas Tack Co.,	4	Good,	Repair safety device,	Complied.
Morton Bros. Steam Laundry,	1	Good,	None,	-
Mason Machine Co,	6	Good,	Repair gates,	Complied.
Taunton Locomotive Co.,	2	Good,	None,	-
Oakland Mills,	1	Good,	New gear on drum,	Complied.
Westville Mills,	1	Good,	New gates; repair safety device.	Complied.
Taunton Oil Cloth Co.,	3	Good,	None,	-
New England Stove Co.,	1	Good,	None,	-
The White, Warner & Co.,	1	Good,	None,	-
C. A. Hack & Son,	1	Good,	None,	-
North Easton.				
Hatch & Grinnell,	1	Good,	None,	-
South Easton.				
Rose Heel Co.,	1	Good,	None,	-
Attleborough.				
Howard & Bullough,	4	Good,	None,	-
Norton.				
Norton Mills,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Dodgeville.				
Dodgeville Mills,	2	Good,	Repair safety device,	Complied.
Hebronville.				
Hebron Manufacturing Co.,	1	Good,	None,	-
Fall River.				
Union Cotton Mfg. Co.,	4	Good,	None,	-
Granite Mills,	5	Good,	None,	-
Chace Mills,	5	Good,	Repair safety device,	Complied.
Robeson Mills,	2	Good,	None,	-
Osborn Mills,	4	Good,	Repair safety device,	Complied.
Canonicut Mills,	1	Good,	None,	-
Flint Mills,	2	Good,	None,	-
Narragansett Mills,	3	Good,	Repair safety device,	Complied.
Fall River Iron Works Co.,	7	Good,	None,	-
Stevens Manufacturing Co.,	1	Good,	None,	-
Metallic Comb Co.,	1	Good,	None,	-
Jesse Eddy Mfg. Co.,	2	Good,	None,	-
Algonquin Printing Co.,	1	Good,	None,	-
J. H. Estis & Son,	1	Good,	Repair safety device,	Complied.
Union Belt Co,	3	Good,	Repair safety device,	Complied.
D. M. Anthony,	2	Bad,	Automatic gates and repair safety device.	Complied.
Fall River Bobbin Co.,	2	Good,	None,	-
Pocasset Hat Co.,	1	Good,	Repair safety device,	Complied.
Fall River Laundry,	1	Good,	Repair safety device,	Complied.
Barnaby Manufacturing Co.,	1	Good,	Repair safety device,	Complied.
Old Colony Brewing Co.,	1	Good,	Repair automatic gates,	Complied.
Hyland & Son,	1	Good,	New automatic gates,	Complied.
Arkwright Mills,	1	Good,	None,	-
Mackinzie & Winslow,	2	Good,	None,	-
Enterprise Brewing Co.,	2	Good,	None,	-
Fall River Gas Works,	2	Good,	New automatic trap doors,	Complied.
Fraprie, Douglass & Co.,	1	Good,	None,	-
Davol Mills,	1	Good,	None,	-
King Philip Mills,	6	Good,	Repair safety device,	Complied.
Stafford Mills,	4	Good,	None,	-
Hargraves Mills, No. 1,	1	Good,	New ropes,	Complied.
Hargraves Mills, Nos. 2 and 3,	2	Good,	None,	-
Metacomet Mfg. Co.,	1	Good,	None,	-
Fall River Manufactory,	2	Good,	None,	-
Border City Mills,	4	Good,	None,	-
Kerr Thread Mills,	4	Good,	None,	-
Barnard Manufacturing Co.,	2	Good,	None,	-
Tecumseh Mills, No. 1,	1	Good,	None,	-
Tecumseh Mills, No. 2,	2	Good,	None,	-
Preasut Manufacturing Co.,	3	Good,	Repair safety device,	-
Massasoit Mfg. Co.,	1	Good,	None,	-
Seaconnet Mills,	3	Good,	None,	-
Parker Mills,	1	Good,	None,	-
Fall River Bleachery,	4	Good,	None,	-
American Printing Co.,	5	Good,	None,	-
American Linen Co.,	5	Good,	None,	-
Shove Mills,	1	Good,	Repair safety device,	Complied.
Laurel Lake Mills,	2	Good,	None,	-
Cornell Mills,	2	Good,	None,	-
Troy C. & W. Mfg. Co.,	2	Good,	Repair safety device,	Complied.
Wampanoag Mills,	4	Good,	Repair safety device,	Complied.
Mechanics Mills,	3	Good,	None,	-
Weetamore Mills,	2	Good,	None,	-
Sagamore Mills,	2	Good,	None,	-
Merchants Mfg. Co.,	4	Good,	Repair safety device,	Complied.
Durfee Mills,	5	Good,	Repair safety device,	Complied.
Slade Mills,	2	Good,	None,	-
Globe Yarn Mills,	6	Good,	None,	-
Sanford Spinning Co.,	2	Good,	New ropes,	Complied.
Richard Borden Mfg. Co.,	3	Good,	None,	-
North Dighton.				
North Dighton Cotton Co.,	1	Good,	Repair safety device,	Complied.
L. Lincoln & Co.,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Mansfield.				
Comey & Co.,	1	Good,	None,	-
South Attleborough.				
Wm. Coupe & Co.,	1	Good,	None,	-
Adamsdale.				
Adamsdale Mills,	1	Good,	None,	-
Somerset.				
Somerset Stove Foundry Co.,	1	Good,	None,	-
Assonet.				
Crystal Spring Bleachery,	1	Good,	None,	-
Westport.				
Westport Factory,	2	Good,	None,	-

Report of Elevators Inspected.

District No. 7. JAMES R. HOWES, *Inspector.*

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Holyoke.				
Valley Paper Co.,	3	Bad,	New cable; safety device,	Complied.
Valley Paper Co.,	-	Fair,	New safety device,	Complied.
Valley Paper Co.,	-	Good,	None,	-
Albion Paper Co.,	4	Good,	None,	-
Albion Paper Co.,	-	Fair,	Provide new cable and worm gear.	Complied.
Albion Paper Co.,	-	Fair,	Provide new cable,	Complied.
Albion Paper Co.,	-	Fair,	Provide new cable and safety device.	Complied.
Crocker Manufacturing Co.,	7	Good,	None,	-
Whiting Paper Co.,	5	Good,	None,	-
Whiting Paper Co.,	-	Bad,	New safety device,	Complied.
Whiting Paper Co.,	-	Fair,	New cable,	Complied.
Whiting Paper Co.,	-	Fair,	New worm gear,	Complied.
Geo. W. Prentiss & Co.,	3	Good,	None,	-
Geo. W. Prentiss & Co.,	-	Fair,	Repair safety devices,	Complied.
Connecticut River Paper Co.,	2	Good,	None,	-
Connecticut River Paper Co.,	-	Bad,	New safety device,	Complied.
Powers Paper Co.,	3	Good,	None,	-
Powers Paper Co.,	-	Bad,	Repair safety device,	Complied.
Parsons Paper Co.,	7	Good,	None,	-
Parsons Paper Co.,	-	Bad,	Provide new cable and worm gear.	Complied.
Hadley Thread Co.,	8	Good,	None,	-
Hadley Thread Co.,	-	Bad,	New safety device,	Complied.
Hadley Thread Co.,	-	Fair,	New cable,	Complied.
J. Russell & Co.,	1	Fair,	Repair safety device,	Complied.
Hotel Hamilton,	2	Good,	None,	-
Hotel Hamilton,	-	Fair,	Guard counter-weight,	Complied.
Beebe & Holbrook Paper Co.,	4	Good,	None,	-
Beebe & Holbrook Paper Co.,	-	Fair,	Repair safety devices,	Complied.
Beebe & Holbrook Paper Co.,	-	Bad,	New cable; repair safety device.	Complied.
Nonotuck Paper Co.,	4	Good,	None,	-
Nonotuck Paper Co.,	-	Bad,	New safety device,	Complied.
Nonotuck Paper Co.,	-	Fair,	New cables,	Complied.
Smith & White Mfg. Co.,	1	Fair,	Repair gates,	Complied.
Geo. C. Gill Paper Co.,	6	Good,	None,	-
Geo. C. Gill Paper Co.,	-	Bad,	New safety device,	Complied.
Geo. C. Gill Paper Co.,	-	Fair,	Repair safety device; new cable.	Complied.

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Holyoke — Con.				
Riverside Paper Co.,	5	Bad,	New cables; repair safety devices.	Complied.
Franklin Paper Co.,	3	Good,	None,	-
Franklin Paper Co.,	-	Bad,	New safety device; repair rack,	Complied.
Springfield Blanket Co,	2	Good,	None,	-
Springfield Blanket Co.,	-	Fair,	Repair safety device,	Complied.
Parsons Paper Co.,	4	Good,	None,	-
Linden Paper Co.,	3	Good,	None,	-
Linden Paper Co.,	-	Fair,	Repair safety devices,	Complied.
Holyoke Motor Works,	1	Bad,	New safety device,	Complied.
W. H. Barlow,	1	Bad,	New safety device,	Complied.
Springfield.				
Cheney-Bigelow Wire Works,	2	Bad,	New elevators,	Complied.
Morgan Envelope Co.,	4	Good,	None,	-
Morgan Envelope Co.,	-	Bad,	Repair safety device,	Complied.
Forbes & Wallace,	2	Bad,	New safety device; new cables,	Complied.
Forbes & Wallace,	-	Fair,	New cables,	Complied.
Holyoke Card & Paper Co.,	4	Good,	None,	-
Holyoke Card & Paper Co.,	-	Fair,	New cables,	Complied.
P. P. Kellogg & Co.,	3	Bad,	New elevators,	Complied.
N. D. & D. W. Bill,	6	Good,	None,	-
N. D. & D. W. Bill,	-	Fair,	New cables,	Complied.
N. D. & D. W. Bill,	-	Bad,	New safety devices,	Complied.
N. D. & D. W. Bill,	-	-	New worm gear,	Complied.
Springfield Knitting Co.,	1	Bad,	New safety device,	Complied.
Taber Prang Art Co.,	2	Fair,	Make gates five feet high,	Complied.
Taylor & Tapley,	6	Good,	None,	-
Taylor & Tapley,	-	Bad,	New safety device and cable,	Complied.
Taylor & Tapley,	-	Fair,	New worm gear,	Complied.
Newell Bros. Mfg. Co.,	3	Good,	None,	-
Newell Bros. Mfg. Co.,	-	Fair,	New cable,	Complied.
Elekron Manufacturing Co.,	1	Fair,	Repair safety device,	Complied.
George A. Schastey,	2	Bad,	New safety devices,	Complied.
Indian Orchard Co.,	3	Good,	None,	-
L. W. Besse,	1	Bad,	New safety device,	Complied.
Westfield.				
W. Warren Thread Works,	2	Bad,	New safety device,	Complied.
W. Warren Thread Works,	-	Good,	None,	-
Westfield Power Co.,	3	Fair,	Repair safety device,	Complied.
Westfield Power Co.,	-	Bad,	New elevators,	Complied.
Sanford Whip Co.,	1	Bad,	New elevator,	Complied.
American Whip Co.,	1	Good,	None,	-
E. A. & S. A. Allyn,	1	Bad,	Extend height of gates; new safety device.	Complied.
Lozier Manufacturing Co.,	2	Fair,	New cables,	Complied.
Crane Bros,	3	Good,	None,	-
Northampton.				
Belden Bros. & Co.,	4	Good,	None,	-
Northampton Paper Box Co.,	1	Good,	None,	-
Nonotuck Silk Co.,	6	Good,	None,	-
Nonotuck Silk Co,	-	Fair,	New cables,	-
Chicopee.				
Lamb Knitting Co.,	5	Good,	None,	-
Lamb Knitting Co.,	-	Bad,	New safety devices,	Complied.
Palmer.				
Boston Duck Co.,	6	Good,	None,	-
Boston Duck Co.,	-	Fair,	New cables,	Complied.
Palmer Mills,	6	Good,	None,	-
Palmer Mills,	-	Fair,	New cable,	Complied.
Cummington.				
A. V. Stevens,	1	Fair,	New cable; guard opening,	Complied.

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Report of Elevators Inspected.

DISTRICT No. 8. EDWARD B. PUTNAM, *Inspector.*

NAME OF BUILDING.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Abington.				
W. E. Lyon,	1	Fair,	New cable,	Complied.
Lewis A. Crossett,	1	Good,	None,	-
C. H. Alden & Co.,	1	Good,	None,	-
W. S. O'Brien,	1	Good,	None,	-
M. N. Arnold & Co.,	2	Good,	None,	-
Arnold Bros. & Co.,	1	Good,	None,	-
Braintree.				
D. B. Clossen & Co.,	1	Good,	None,	-
Williams & Kneeland,	1	Good,	None,	-
Blackstone.				
Lawrence Felting Co.,	1	Good,	None,	-
Bridgewater.				
W. H. McElwain & Co.,	1	Good,	None,	-
Eagle Cotton Gin Co.,	1	Good,	None,	-
Brockton.				
Brockton Cut Sole Co.,	1	Good,	None,	-
Whitman & Keith,	1	Fair,	New cable,	Complied.
M. A. Packard & Co.,	2	Fair,	New cable for No. 1,	Complied.
George E. Keith Co.,	1	Good,	None,	-
Churchill & Alden,	2	Good,	None,	-
E. E. Taylor & Co.,	1	Good,	None,	-
M. F. Thomas,	2	Good,	None,	-
C. S. Eaton Co.,	1	Good,	None,	-
Packard & Field,	1	Good,	None,	-
Brockton Co-operative Boot and Shoe Co.	1	Good,	None,	-
Thompson Bros,	1	Good,	None,	-
Monarch Rubber Co.,	1	Good,	None,	-
R. B. Grover & Co.,	2	Good,	None,	-
Woodward & Wright,	1	Good,	None,	-
S. E. Packard & Son,	1	Good,	None,	-
George E Keith Co.,	2	Good,	None,	-
P. B. Keith Co.,	3	Good,	None,	-
E. F. Copeland,	1	Good,	None,	-
Charles S. Pierce,	2	Good,	None,	-
F. M. Shaw & Son,	1	Good,	None,	-
Howard & Foster,	1	Good,	None,	-
E. M. Low,	1	Good,	None,	-
Stacy, Adams & Co,	2	Good,	None,	-
N. R. Packard & Co.,	2	Good,	None,	-
Joyce & Fletcher,	1	Good,	None,	-
F. E. White & Co,	1	Good,	None,	-
Brockton Power Co.,	1	Good,	None,	-
Brockton Welting Co.,	1	Good,	None,	-
Nelson Paper Box Co.,	1	Good,	None,	-
Brockton Last Co.,	1	Good,	None,	-
George G. Snow,	2	Good,	None,	-
M. P. Clough & Co.,	1	Good,	None,	-
Mawhinney Last Co.,	1	Good,	None,	-
Field, Hazzard Co.,	1	Good,	None,	-
Ware & Lincoln,	1	Good,	None,	-
A. H. Alger & Co.,	1	Good,	None,	-
Oakman & Low,	1	Good,	None,	-
Thomas Packard & Co.,	1	Good,	None,	-
W. L. Douglas Shoe Co.,	1	Good,	None,	-
D. S Packard & Co.,	1	Good,	None,	-
Howard T. Marshall,	3	Good,	None,	-
Thomas White & Son,	3	Good,	None,	-
A. C. Thompson,	1	Good,	None,	-
O. A. Miller,	1	Good,	None,	-
Elmer Loring,	1	Good,	None,	-
F. B. Washburn Co.,	1	Good,	None,	-
L. F. Woodward,	1	Good,	None,	-
William P Kingman Co.,	1	Good,	None,	-
Canton.				
Canton Manufacturing Co.,	1	Fair,	New cable,	Complied.

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Dedham.				
Norfolk Mills,	1	Good,	None,	-
E. D. Thayer, Jr,	1	Good,	None,	-
Foxborough.				
Inman & Kimball,	1	Good,	None,	-
Caten Bros., Bixby & Co.,	1	Good,	None,	-
Hanover.				
N. V. Goodrich & Co.,	1	Good,	None,	-
Holbrook.				
Holbrook Shoe Co.,	1	Good,	None,	-
Hyde Park.				
Readville Cotton Mill,	3	Good,	None,	-
Robert Bleakie & Co.,	1	Good,	None,	-
John T. Robinson & Co.,	1	Good,	None,	-
Brainerd Milling Machine Co.	1	Good,	None,	-
Medfield.				
E. V. Mitchell & Co.,	1	Good,	None,	-
Middleborough.				
Murdock Parlor Grate Co.,	1	Good,	None,	-
Hathaway, Soule & Harrington.	1	Good,	None,	-
Leonard & Barrows,	1	Good,	None,	-
Milton.				
National Biscuit Co.,	2	Good,	None,	-
Norwood.				
Norwood Press Bindery,	1	Good,	None,	-
H. M. Plimpton & Co.,	1	Good,	None,	-
Winslow Bros,	4	Good,	None,	-
John N. Ball,	1	Good,	None,	-
Plymouth.				
Plymouth Cordage Co.,	1	Good,	None,	-
Puritan Woollen Mills,	1	Good,	None,	-
Quincy.				
Tubular Rivet & Stud Co.,	4	Good,	None,	-
Randolph.				
Richards & Brennan,	1	Good,	None,	-
Bryant Boot & Shoe Co.,	1	Good,	None,	-
Bradley, Hagney & Leonard,	1	Good,	None,	-
Haggerty & Sullivan,	1	Good,	None,	-
Charles Doughty,	1	Good,	None,	-
Tileston Bros. Shoe Co.,	1	Good,	None,	-
Rockland.				
The Rockland Co.,	1	Good,	None,	-
French, Shriner & Urner,	1	Good,	None,	-
E. T. Wright & Co.,	1	Good,	None,	-
George W. Hall,	1	Good,	None,	-
Rice & Hutchins,	1	Good,	None,	-
Nesmith Paper Box Co.,	1	Good,	None,	-
Gideon Studley,	1	Good,	None,	-
W. H. Bates,	1	Good,	None,	-
Stoughton.				
J. & H. Fitzpatrick,	1	Good,	None,	-
J. G. Phinney Counter Co.,	1	Good,	None,	-
George E. Belcher,	1	Good,	None,	-
Wales-French Shoe Co.,	1	Good,	None,	-
Charles Stretton & Sons,	1	Good,	None,	-
Walpole.				
Union Sand Paper Co.,	1	Good,	None,	-
B. Lewis & Son,	3	Good,	None,	-
Walpole Emery Co.,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Weymouth.				
Gordon-Kiley Co.,	1	Good,	None,	-
M. C. Dizer & Co.,	3	Good,	None,	-
A. O. Crawford & Co.,	1	Good,	None,	-
Strong & Garfield Co.,	1	Good,	None,	-
Edwin Clapp,	1	Good,	None,	-
E. H. Stetson & Co.,	1	Good,	None,	-
George H. Bicknell & Co.,	1	Good,	None,	-
Torrey, Curtis & Tirrell,	1	Good,	None,	-
East Weymouth Wool Scouring Mill.	1	Good,	None,	-
Whitman.				
L. C. Bliss & Co.,	1	Good,	None,	-
United States Shoe Co.,	1	Good,	None,	-
Old Colony Boot & Shoe Co.,	1	Good,	None,	-
Commonwealth Shoe & Leather Co.	4	Fair,	New cable for counter-weight,	Complied.
David B. Gurney,	1	Good,	None,	-

Report of Elevators Inspected.

District No. 9. JOHN J. SHEEHAN, *Inspector.*

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Amesbury.				
Hamilton Woolen Co.,	6	Good,	None,	-
Hamilton Woolen Co.,	1	Poor,	Provide new cable for elevator,	Complied.
Merrimac Hat Co.,	1	Good,	None,	-
Biddle & Smart,	1	Good,	None,	-
Currier & Cameron,	1	Good,	None,	-
Briggs Carriage Co.,	2	Good,	None,	-
Beverly.				
Solon Lovett,	1	Good,	None,	-
Seth Norwood,	1	Good,	Guard elevator well on second and third floors.	Complied.
George H. Allen,	1	Good,	None,	-
Perry & Wood,	1	Good,	None,	-
Winslow & Rogers,	1	Good,	None,	-
Beverly Building Association,	7	Good,	None,	-
W. A. Cressey, 3d,	1	Good,	Guard elevator well on third floor.	Complied.
J. H. Baker,	1	Good,	Repair self closing hatches,	Complied.
J. A. Wallis,	1	Good,	None,	-
Bradford.				
Knipe Bros.,	1	Good,	None,	-
Island Park Co.,	2	Good,	None,	-
Island Park Co.,	1	Poor,	Provide new cable for elevator,	Complied.
Danvers.				
Bernard, Friedman & Co.,	2	Good,	None,	-
C. C. Farwell,	1	Good,	None,	-
Eaton & Sears,	1	Good,	None,	-
Geo. Plumer & Co.,	1	Good,	None,	-
Georgetown.				
Pentucket Shoe Co.,	1	Poor,	Provide shipper ropes for elevator.	Complied.
Tenney & Son,	1	Good,	None,	-
Groveland.				
Hale & Veasey,	2	Good,	Provide locks for elevator gates.	Complied.

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Report of Elevators Inspected—Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Gloucester.				
Net & Twine Co.,	1	Good,	None,	-
Cape Ann Shoe Co.,	1	Good,	None,	-
Merchant Box Co.,	1	Good,	None,	-
Russia Cement Co.,	1	Good,	None,	-
Improved Process Glue Co.,	1	Good,	None,	-
Haverhill.				
Kelley Bros.,	2	Good,	None,	-
Kelley Bros.,	1	Poor,	Adjust hoisting machinery,	Complied.
C. W. Arnold,	3	Good,	None,	-
A. H. Adams,	1	Good,	None,	-
A. H. Adams,	1	Poor,	Provide new cable for elevator,	Complied.
H. H. Gilman,	2	Good,	Guard elevator well on second and third floors.	Complied.
Edward Hatch,	2	Good,	None,	-
Edward Hatch,	1	Poor,	Provide new cable for elevator,	Complied.
J. B. Nichols,	1	Good,	None,	-
J. B. Nichols,	1	Poor,	Provide new cable for elevator,	Complied.
Gardner Bros.,	1	Good,	None,	-
C. H. Hayes,	3	Good,	None,	-
John Pilling,	1	Poor,	Provide new cable for elevator,	Complied.
C. F. Morse,	1	Poor,	Clean and oil machinery,	-
J. H. Durgin,	1	Good,	None,	-
J. H. Durgin,	1	Poor,	Provide new cable for elevator,	Complied.
Chesley & Rugg,	2	Good,	None,	-
Elijah Fox,	1	Poor,	Clean and oil machinery; repair safety device on car; repair self-closing hatches on first and second floors.	Complied.
Chick Bros.,	1	Poor,	Provide new cable for elevator,	Complied.
John Owens,	1	Good,	None,	-
Spaulding & Swett,	1	Poor,	Provide new cable for elevator,	Complied.
W. B. Thom,	2	Good,	None,	-
John W. Rues,	2	Good,	None,	-
W. W. Spaulding,	1	Good,	None,	-
Chase & Laubham,	1	Good,	None,	-
Thomas W Arnold,	3	Good,	None,	-
Alden P. Jaques,	1	Good,	None,	-
John A. Gale,	1	Good,	None,	-
Hazen B. Goodrich,	3	Good,	None,	-
Stevens & Co.,	3	Good,	None,	-
C. N. Hoyt,	1	Good,	None,	-
C. N. Hoyt,	1	Poor,	Provide new cable for elevator,	Complied.
Gale Shoe M'f'g Co.,	1	Poor,	Provide new cable for elevator,	Complied.
J. H. Winchell,	1	Poor,	Provide new cable for elevator,	Complied.
J. H. Winchell,	1	Good,	None,	-
Harry Tapley,	1	Good,	None,	-
Wm. Jowett,	1	Good,	None,	-
Wm. Jowett,	1	Poor,	Provide new cable for elevator,	Complied.
Levi Taylor,	1	Good,	None,	-
J. D. Newcomb,	1	Good,	None,	-
Ipswich.				
Ipswich Building Association,	1	Good,	None,	-
Burke, Bamford Shoe Co.,	1	Good,	None,	-
Ipswich Mills Co.,	5	Good,	None,	-
Lynn.				
P. Lennox,	8	Good,	None,	-
P. Lennox,	2	Poor,	Provide new cables for elevators; repair safety devices on cars.	Complied.
Lucius Beebe,	1	Good,	None,	-
Lucius Beebe,	1	Poor,	Provide new cable for elevator,	Complied.
Frank Breed,	1	Good,	None,	-
Dearborn Bros.,	1	Good,	None,	-
Walter M. Libby,	1	Good,	None,	-
Walter M Libby,	1	Poor,	Provide new cable for elevator; repair self-closing hatches.	Complied.
F. E. Abbott,	1	Poor,	Provide new cable for elevator,	Complied.
Bennett & Moulton,	1	Good,	None,	-
Silsbee & Baker,	1	Good,	None,	-
Charles Buffum,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Lynn — Con.				
V. K. & A. H. Jones,	2	Good,	None,	-
Hemingway Bros,	1	Good,	None,	-
Potter & Blanchard,	1	Good,	None,	-
Charles B. Tebbetts,	1	Good,	None,	-
Lucien Newhall,	1	Poor,	Provide new cable for elevator,	Complied.
George E. Barnard,	3	Good,	None,	-
Joseph G. Brown,	1	Poor,	Provide new counter-balance ropes for elevator.	Complied.
Strout Bros.,	4	Good,	None,	-
Micajah Butman,	1	Good,	None,	-
Blake estate,	1	Good,	None,	-
Charles E. Harwood,	1	Good,	None,	-
A. F. Smith,	1	Good,	None,	-
S. N. Breed,	10	Good,	None,	-
S. N. Breed,	2	Poor,	Provide new cables for elevators.	Complied.
J. B. Renton,	3	Good,	None,	-
B. P. Magrane,	1	Good,	None,	-
Harney Bros.,	2	Good,	None,	-
George H. Breed,	1	Poor,	Repair self closing hatches; repair hoisting machinery.	Complied.
Henry Pevear,	1	Good,	None,	-
Henry Pevear,	1	Poor,	Provide new cable for elevator,	Complied.
George H. Allen,	1	Good,	None,	-
Duffy & Oulton,	1	Good,	None,	-
G. A. Crossman,	1	Good,	None,	-
Southworth & Campbell,	1	Good,	None,	-
Parker Bros,	1	Good,	None,	-
Walter S. Dickson,	1	Good,	None,	-
Nathan Breed,	1	Good,	None,	-
E. H. Ashcroft,	1	Poor,	Provide new cable for elevator,	Complied.
C. F. Mulley,	3	Good,	None,	-
E. E. Elder,	4	Good,	None,	-
Russell & Co,	1	Good,	None,	-
James O. Marshall,	1	Good,	None,	-
Littlefield & Plummer,	5	Good,	None,	-
Charles E. Blake,	1	Good,	None,	-
Lydia Pinkham Medicine Co.,	4	Good,	None,	-
Eaton & Hobbs,	1	Good,	None,	-
General Electric Co.,	8	Good,	None,	-
J. B. Thomas,	4	Good,	None,	-
Marblehead.				
Marblehead Building Association.	2	Good,	None,	-
Middleton.				
Middleton Paper Co.,	1	Good,	None,	-
Merrimac.				
Wheel & Gear Co.,	1	Good,	None,	-
Newburyport.				
Towle Manufacturing Co.,	1	Good,	None,	-
Dodge Bros.,	1	Good,	None,	-
Newburyport Car Mfg. Co.,	1	Good,	None,	-
Bay State Cordage Co.,	8	Good,	None,	-
E. P. Dodge & Co.,	2	Good,	None,	-
E. P. Dodge & Co.,	1	Poor,	Provide new cable for elevator,	Complied.
Newburyport Shoe Co,	1	Good,	None,	-
W B. Thom,	1	Good,	None,	-
Peabody Manufacturing Co.,	2	Good,	None,	-
Milton S. Thompson,	1	Good,	None,	-
W. H. Noyes & Bro,	1	Good,	None,	-
Newbury.				
Byfield Woolen Co.,	1	Good,	Guard elevator well on second and third floors.	Complied.
Peabody.				
Franklin Osborne Co.,	2	Good,	None,	-
P. Lennox,	1	Poor,	Provide new cable for elevator,	Complied.
Armstrong Leather Co.,	1	Good,	None,	-
G. R. Nelson,	1	Good,	None,	-

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Peabody — Con.				
Standard Thermometer Co.,	1	Good,	None,	-
George J. Winchester,	1	Good,	None,	-
John A. Lord,	2	Good,	None,	-
Frank Winchester,	1	Good,	None,	-
T. B. Southwick,	1	Good,	None,	-
Danvers Bleachery,	1	Good,	None,	-
Leland Tanning Co.,	1	Good,	None,	-
Rockport.				
Boston & Maine R.R. Co,	1	Good,	None,	-
Salem.				
I. P. Harris & Co.,	1	Good,	None,	-
Warren Page & Co.,	2	Good,	None,	-
J. B. Mulligan,	2	Good,	None,	-
Hamilton & Balcomb,	3	Good,	None,	-
Peter Sim & Sons,	2	Good,	None,	-
George L. Newcomb,	1	Good,	None,	-
Henry Harrington,	1	Good,	None,	-
George F. Putnam,	1	Good,	None,	-
Robert Riley,	1	Good,	None,	-
W. F. Martin,	1	Good,	None,	-
M. Shortell & Son,	1	Good,	None,	-
J. A. Dane,	1	Good,	None,	-
Salem Building Association,	2	Good,	None,	-
Atlantic Glue Co.,	1	Good,	None,	-
Denis Brady,	1	Good,	None,	-
W. P. & E. F. Harmon,	1	Good,	None,	-
Locke Bros.,	1	Good,	None,	-
Charles S. Fuller,	1	Good,	None,	-
West India Fibre Co.,	1	Good,	None,	-
Zina Goodell,	1	Good,	None,	-
Naumkeag Steam Cotton Co.,	9	Good,	None,	-
Naumkeag Steam Cotton Co.,	1	Good,	Provide new cable for elevator,	Complied.

Report of Elevators Inspected.

District No. 10. CHAS. A. DAM, *Inspector.*

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Adams.				
Berkshire Cotton Mfg. Co.,	5	Good,	None,	-
Renfrew Manufacturing Co.,	5	Fair,	Repair elevator gates,	Complied.
L. L. Brown Paper Co.,	4	Good,	None,	-
W. C. Plunkett & Sons,	2	Fair,	None,	-
Greylock Shirt Co.,	1	Good,	None,	-
Adams Bros. Mfg. Co.,	1	Fair,	None,	-
Becket.				
Union Mill,	1	Good,	None,	-
Buckland.				
Lamson, Goodnow Mfg. Co.,	4	Good,	None,	-
Rufus Covell,	1	Good,	None,	-
H. Newall & Co.,	1	Good,	None,	-
Conway.				
DeWolf & Hassell,	1	Good,	None,	-
Tucker & Cook Mfg. Co.,	1	Fair,	None,	-
Colrain.				
Massacomet Yarn Mills,	1	Fair,	Adjust springs and lengthen pawls.	Complied.
Griswoldville Mfg. Co.,	2	Fair,	Adjust springs of elevator and put bar on gate at bottom.	Complied.

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Dalton.				
Crane & Co. Pioneer Mill,	3	Good,	None,	-
Byron Weston Paper Co,	3	Good,	None,	-
Old Berkshire Mills Co.,	2	Good,	None,	-
Dalton Shoe Co.,	1	Good,	None,	-
Z. & W. M. Crane,	4	Good,	None,	-
Renfrew Manufacturing Co,	1	Fair,	None,	-
Erving House Livery,	1	Good,	None,	-
Erving.				
Millers Falls Co.,	3	Fair,	Adjust safety of elevator,	Complied.
Egremont.				
Dalzell Axle Co.,	1	Fair,	None,	-
Greenfield.				
Sheldon & Newcomb,	1	Good,	None,	-
Wiley & Russell M'f'g Co.,	1	Good,	None,	-
Warner Manufacturing Co,	1	Good,	None,	-
Nichols Bros.,	1	Good,	None,	-
Goodell-Pratt Co.,	1	Good,	None,	-
A. F. Towle & Sons Co.,	2	Good,	None,	-
Eagle Iron Foundry,	1	Good,	None,	-
Rugg Manufacturing Co.,	1	Good,	None,	-
Mansion House,	1	Good,	None,	-
William Potter & Sons,	1	Good,	None,	-
Chas. Keith Sons Co.,	1	Good,	None,	-
Jesse O Newton,	1	Good,	None,	-
S. A Allen's Sons,	1	Fair,	Provide safety device,	Complied.
Great Barrington.				
Monument Mills,	4	Good,	None,	-
Riverdale Mills,	1	Good,	None,	-
City Mills,	1	Good,	None,	-
Lee.				
George K. Baird Paper Co.,	1	Good,	None,	-
Eaton, May & Robbins Paper Co.	1	Fair,	None,	-
Benton Bros.,	1	Fair,	None,	-
Hurlbut Paper M'f'g Co.,	4	Fair,	Plumb rack posts and adjust safety device to same in rag and finishing rooms.	Complied.
Smith Paper Co,	2	Fair,	None,	-
Housatonic Mills Co.,	1	Fair,	None,	-
Lenox.				
Smith Paper Co,	2	Fair,	None,	-
Curtis Hotel,	1	Good,	None,	-
Montague.				
Marshall Paper Co.,	2	Good,	None,	-
Turners Falls Cotton Co.,	1	Fair,	Adjust springs of elevator; lengthen pawls.	Complied.
International Paper Co., No. 3 Mill.	1	Fair,	Adjust safety device,	Complied.
International Paper Co.,	7	Good,	None,	-
Keith Paper Co,	6	Good,	None,	-
John Russell Cutlery Co.,	3	Good,	None,	-
North Adams.				
Arnold Print Works,	11	Good,	None,	-
Windsor Co.,	4	Good,	None,	-
Eclipse Mills,	2	Fair,	Adjust safety device,	Complied.
Beaver Mills,	3	Fair,	Provide safety device,	Complied.
Greylock Mills,	2	Good,	None,	-
Johnson Manufacturing Co.,	2	Good,	None,	-
C. T. Sampson Mfg. Co.,	3	Fair,	Adjust springs,	Complied.
James Hunter Machine Co,	2	Fair,	Adjust safety device and guard opening of same.	Complied.
North Adams Mfg. Co,	1	Good,	None,	-
Canedy-Clark Shoe Co.,	1	Fair,	Elevator placarded; repaired,	Complied.
W. G. Cady & Co.,	1	Good,	Put springs on elevator doors at top floor.	Complied.

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
North Adams — Con.				
Wilkinson & Bliss Shoe Co.,	1	Good,	None,	-
N. L. Millard & Co.,	2	Fair,	None,	-
Weber Bros.,	2	Fair,	Adjust safety device,	Complied.
Eagle Mill,	1	Good,	None,	-
Barber Leather Co.,	1	Good,	None,	-
W. C. Ellis,	1	Good,	None,	-
Sullivan Bros.,	1	Good,	None,	-
Burdett & Reinhart,	1	Good,	None,	-
H. W. Clark & Co.,	1	Good,	None,	-
North Adams Hospital,	1	Good,	None,	-
J. H. Flagg,	1	Good,	None,	-
H. W. Clark Biscuit Co.,	1	Good,	None,	-
Amour & Co.,	1	Fair,	Provide safety device,	Complied.
Orange.				
New Home Sewing Machine Co.	6	Good,	None,	-
Chase Turbine Co,	1	Good,	None,	-
Rodney Hunt Machine Co.,	1	Good,	None,	-
Jay B. Reynolds Shoe Co.,	2	Good,	None,	-
New England Box Co.,	1	Good,	None,	-
Pittsfield.				
Wellington Furniture Co.,	1	Good,	None,	-
Berkshire Hills Typewriter Paper Co.	1	Good,	None,	-
Pontoosuc Woolen Mfg. Co.,	3	Fair,	None,	-
Stanley Electric Mfg. Co.,	3	Good,	None,	-
O. W. Robbins Shoe Co.,	1	Good,	None,	-
Crane & Co., Government Mill,	2	Good,	None,	-
Hurlbut Stationery Co.,	1	Good,	None,	-
Maplewood Hotel,	1	Good,	None,	-
Robbins, Gamwell & Co.,	1	Good,	None,	-
The K. & W Co.,	1	Good,	Adjust guide posts,	Complied.
A. H. Rice & Co.,	1	Good,	None,	-
House of Mercy Hospital,	2	Good,	None,	-
Pittsfield Mfg. Co.,	2	Fair,	None,	-
The Stevenson Co.,	1	Fair,	None,	-
The Berkshire Brewing Ass'n,	1	Good,	None,	-
E. D. Jones & Sons Co.,	1	Good,	None,	-
J. L. & T. D. Peck Mfg. Co.,	1	Good,	None,	-
Berkshire Mfg. Co.,	1	Good,	None,	-
A. A. Mills Co.,	1	Good,	None,	-
Berkshire Life Ins. Co.,	1	Good,	Remove boy from care of elevator.	Complied.
Wendall Hotel,	1	Good,	Remove boy from care of elevator.	Complied.
Prince & Walker,	1	Good,	None,	-
Central Market,	1	Good,	None,	-
Berkshire County Savings Bank.	1	Good,	None,	-
Kennedy & McInnes,	1	Good,	None,	-
England Bros.,	1	Good,	None,	-
Maplewood Livery Stable,	1	Good,	None,	-
American House Livery,	1	Good,	None,	-
Central Block,	1	Fair,	None,	-
American House,	1	Good,	None,	-
Casey & Bacon,	1	Good,	None,	-
E. Fairlee & Co.,	1	Fair,	Adjust safety device,	Complied.
Manhattan Shirt Mills,	1	Good,	None,	-
The Teeling Baking Co.,	1	Good,	None,	-
Berkshire Grocery Co.,	1	Good,	None,	-
Musgrave Knitting Co.,	1	Good,	None,	-
Troy Laundering Co.,	1	Fair,	None,	-
Pittsfield Shoe Heel Co.,	1	Fair,	None,	-
Mead Carriage Repository,	1	Good,	None,	-
Petherbridge & Burns,	1	Good,	None,	-
Shelburne.				
H. H. Mayhew Co.,	1	Fair,	Provide new springs for elevator.	Complied.

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Report of Elevators Inspected — Continued.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Williamstown.				
Williamstown Mfg. Co.,	1	Fair,	None,	-
Boston Finishing Works,	1	Good,	None,	-

Report of Elevators Inspected.

District No. 11. FRANK C. WASLEY, *Inspector.*

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Lowell.				
American Card Clothing Co.,	1	Good,	None,	-
Whittier Cotton Mill,	2	Good,	None,	-
Pickering Knitting Co.,	1	Good,	None,	-
U. S. Bunting Co.,	5	Fair,	Adjust safety device to elevator in finishing department.	Complied.
Boott Cotton Mills,	18	Good,	None,	-
Lowell Machine Shop,	9	Good,	None,	-
Courier & Citizen Co.,	1	Good,	None,	-
Co-operative Milk Ass'n,	1	Fair,	Repair elevator door and keep closed.	Complied.
Middlesex Mills,	5	Good,	None,	-
Lowell Bleachery Co.,	5	Good,	None,	-
P. J. Riley, Tanner Street Factory	1	Poor,	Provide new cable to elevator,	Complied.
C. I. Hood & Co.,	1	Good,	None,	-
F. M. Bill & Co,	1	Good,	None,	-
Appleton Co.,	6	Good,	None,	-
American Mason Safety Tread Co.,	1	Good,	None,	-
Merrimack M'f'g Co.,	20	Fair,	Guard elevator well on second floor.	Complied.
Lowell Manufacturing Co.,	11	Good,	None,	-
M. M. Lahue,	1	Good,	None,	-
Lawrence M'f'g Co.,	12	Good,	None,	-
Tremont & Suffolk Mills,	17	Fair,	Repair elevator hatches on two elevators; replace iron brace on No. 6 elevator.	Complied.
Hamilton M'f'g Co.,	17	Fair,	Repair elevator hatch in room off finishing room.	Complied.
Harvard Brewery Co.,	1	Good,	None,	-
Massachusetts Cotton Mills,	18	Good,	None,	-
P. J. Riley, Summer Street Factory.	1	Good,	None,	-
Lawrence.				
Merrimack Glazed Paper Co.,	2	Fair,	Repair automatic hatches on rear elevator.	Complied.
Merrimack Paper Co.,	3	Good,	None,	-
W. F. Rutter & Co.,	1	Good,	None,	-
Curran & Joice,	1	Good,	None,	-
Everett Mills,	8	Good,	None,	-
F. & M. Butler's Mill,	1	Poor,	Adjust safety device,	Complied.
Briggs & Allyn,	2	Good,	None,	-
John Dustin,	1	Good,	None,	-
Atlantic Mills,	5	Good,	None,	-
Arlington Mills,	2	Good,	None,	-
Pemberton Co.,	7	Good,	None,	-
Beach Soap Co.,	1	Fair,	Guard all elevator well holes on each floor.	Complied.
C. H. Schouland,	1	Good,	None,	-
Lawrence Duck Co.,	5	Poor,	Adjust safety devices on three elevators.	Complied.
American Woolen Co., Washington Plant.	13	Fair,	Guard elevator well holes to two elevators.	Complied.
Pacific Mills,	10	Good,	None,	-

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Report of Elevators Inspected — Concluded.

Name of Building.	No. of Elevators.	Condition.	Orders Given.	Compliances.
Lawrence — Con.				
Lower Pacific Mills,	10	Good,	None,	-
Curran & Joice & Co.,	1	Good,	None,	-
International Paper Co.,	5	Good,	None,	-
Fred Hartley,	1	Good,	None,	-
Wright Manufacturing Co.,	1	Good,	None,	-
Cold Spring Brewery Co.,	2	Good,	None,	-
Chelmsford.				
G. C. Moors' Mills,	3	Good,	None,	-
Dracut.				
American Woolen Co.,	1	Good,	None,	-
Methuen.				
Arlington Cotton Mills,	6	Good,	None,	-
Westford.				
Abbott Worsted Co., Forge Village.	3	Fair,	Guard two elevator well holes in wool house.	-
North Andover.				
Sutton Mills,	1	Good,	None,	-
Billerica.				
Talbot Mills,	6	Good,	None,	-
Lowell Rendering Co.,	2	Good,	None,	-
Lowell Fertilizer Co.,	1	Good,	None,	-
Andover.				
Smith & Dores,	4	Good,	None,	-
Tyer Rubber Co.,	1	Good,	None,	-

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Inspectors' Reports of Clothing made in Tenement-houses and Workshops.

Report of Inspector Griffin.

I most respectfully submit herewith my report for the year ending Oct. 1, 1899. Eight years have passed since the first law against the manufacture of clothing in unhealthy places, more generally known as the "sweating system," was enacted by the Legislature of Massachusetts, and although no doubt it was a very vague and indefinite law, the good results accruing from its enforcement, combined with a strong public agitation, not only paved the way for further and more concise legislation, but also tended to encourage other States, where the evil existed more abundantly and in a more degrading manner, to follow our example. To-day New York, Pennsylvania, Ohio and Illinois have laws of different kinds dealing with the sweating system. Notwithstanding the great good these various laws have accomplished by protecting the public against disease-infected clothing, there yet remains the fact that the ulterior intent of these laws has not been reached, namely, the abolition of all tenement-made clothing, and a return to the proper and safer method of having it manufactured in clean, wholesome and sanitary workshops. We believe that this can and could have been done by the wholesale merchants alone, in this State at least, if they would only combine and say the word. They have only to demand that their contractors shall make the entire garment in their respective shops, under the penalty of the loss of their work if they fail to do so. It would no doubt add a small amount to the rent of the contractors, by obliging them to secure larger workshops, and increase slightly the cost of the garment; and herein lies the whole cause of the sweating system, that is, cheapness in manufacturing. To offset this, the cry is raised that to deprive worthy women of the right to labor in their homes would throw them for maintenance upon the alms and charities of the community. But past experience has taught us that this is not so.

Only a few years ago immense quantities of clothing were sent to Maine and New Hampshire, to be made by the wives and daughters of our farmers; and, although the prices paid for such work were very low, yet the sanitary surroundings were of good order, and our merchants used to boast that the money thus earned helped to pay mortgages off their homes, helped to build other homes, helped to educate their children, and enabled many a Maine mother to keep her daughters at home, instead of seeing them go

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from her side to look for work elsewhere. And also they would describe the striking contrast between New York and Maine, — the bright home life, instead of that of the garret or cellar; the village streets, instead of the crowded streets of New York; good food and plenty of air, instead of black bread and the disease-inflicting atmosphere of overcrowded tenements. Why was not this truly good contrast sustained, and why is it that, where three million dollars' worth of work was sent yearly to Maine and New Hampshire, it now is reduced to thousands? Simply because the work is done cheaper in New York slum shops. And what has become of the hundreds of women thus thrown out of employment by being deprived of their right to labor at home? Have they become burdens and objects of charity upon the communities where they resided? Not at all. They have simply found other kinds of employment, and still exist under as good circumstances as before. And so with the poor worker in our tenement districts. For a while there might be more or less suffering, but they would shortly find other employment, and their children, instead of becoming slaves to the sweater, would secure more healthful and surely more remunerative employment. It remains for the organizations employed in the clothing industry, assisted by an active and permanent public agitation, to secure the entire manufacture of clothing in workshops, and prevent all tenement-house work. I am sorry to note the apathy into which they have lately fallen. Poor women compelled to finish trousers for eight cents per pair are the slaves of a system and of circumstances from which, by reason of their utter poverty, they are powerless to deliver themselves, and justice calls to the more fortunate and favored to assist them.

The regular workshops are for the most part in fairly good condition, although the sanitary conditions of some are not as good as they might be, on account of their dirty water-closets. I repeat my recommendation of last year, of compelling the owners of all workshops wherein clothing is manufactured for the public to obtain a State certificate, liable to revocation if the sanitaries and workshops are not at all times kept clean. As stated before, the help are to blame for the filthy condition of the closets, and they can be reached only by some such method.

Court cases during the year were as follows: Simon Wolf was fined fifty dollars for sending coats to be finished in an unlicensed tenement house. Joseph Kirshen, J. Watchmaker and J. Sudhalter were each fined ten dollars for working on the Lord's day. In the last-mentioned case may be noted the difficulty encountered by the inspector in convicting this class of violators of the Lord's

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day. Although, after admitting to the inspector that he, a Mr. Swartz, was proprietor of the shop, when brought into court he swore that he had sold out to a Mr. Feinstein a few days previous to the date of offence, and consequently he was discharged. The next day, when Mr. Feinstein was brought into court, he swore that he sublet part of the shop to Mr. Sudhalter, and he too was discharged. Nothing daunted, the next day we brought Mr. Sudhalter into court, and finally he pleaded guilty, and was fined ten dollars. When you consider that they each paid the bail commissioner two dollars, besides counsel fees, it must have appeared to them that it was cheaper to pay the fine than to continue to change owners. Abram Epstein was found making custom dresses at his home, 71 Salem Street, Boston, employing therein two men and four women. Being ignorant of the law, and guaranteeing to secure a proper workshop at once (which he did), he was not prosecuted.

During the year, in my district, there was only one case each of diphtheria and scarlet-fever in families who held a license to finish clothing at home, but no clothing was there at time of disease.

The law relating to the employment of children between fourteen and sixteen years of age has been well observed. Time tables have been torn down in many cases, others were forgotten during removal; but in all cases they were at once posted upon receipt of order.

Summary.

Number of licenses outstanding Oct. 1, 1898,	481
Number of licenses granted during the year,	106
Number of licenses revoked during the year,	119
Number of licenses outstanding Oct. 1, 1899,	468
Number of licenses refused during the year,	65
Number of licenses renewed during the year,	52
Number of licenses transferred during the year,	10
Number of visits to licensed and unlicensed tenements during the year,	431
Total number of tenements inspected and visited during the year,	783
Number of workshops inspected during the year,	77
Number of visits to workshops during the year,	48
Number of orders issued,	71
Number of compliances,	71
Number of children between thirteen and fourteen years of age,	-
Number of children between fourteen and sixteen years of age,	8
Number of males employed,	635
Number of females employed,	504
Total number of males and females employed,	1,139

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SPECIAL DUTY, ... JOHN E. GRIFFIN, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston.								
I. Freedman,	Trousers,	15	20	-	-	Bad,	Lime, wash and clean workshop and water-closets,	Complied.
A. Kadetsky,	Coats,	10	4	-	-	Bad,	Lime, wash and clean workshop and water-closets; post time table.	Complied.
Becker & Carp,	Vests,	10	6	-	-	Bad,	Lime, wash and clean workshop and water-closets,	Complied.
Kirshman & Myers,	Knee pants,	5	7	-	-	Bad,	Lime, wash and clean workshop and water-closets; post time table.	Complied.
Brown & Gilstein,	Vests,	12	18	-	2	Bad,	Lime, wash and clean workshop and water-closets; post time table.	Complied.
Louis Finklestein,	Trousers,	5	3	-	-	Poor,	Clean workshop, stairs and entry; post time table,	Complied.
Addleson & Mittel,	Coats,	9	4	-	-	Poor,	Clean workshop, stairs and entry; post time table,	Complied.
B. Wolfson,	Knee pants,	1	2	-	-	Poor,	Clean workshop, stairs and entry,	Complied.
S. Steinberg,	Trousers,	5	6	-	-	Poor,	Clean workshop, stairs and entry,	Complied.
L. Zwick,	Boys' jackets,	6	6	-	-	Poor,	Clean workshop, stairs and entry,	Complied.
J. Scolpenati,	Coats,	6	6	-	-	Fair,	None,	-
Levy & Wesolo,	Coats,	15	7	-	-	Fair,	None,	-
Chas. Abrams,	Coats,	21	24	-	-	Good,	Post time table,	Complied.
S. Fixler,	Custom clothing,	2	1	-	-	Fair,	Post time table,	Complied.
Kronberg & Bronski,	Coats,	10	10	-	-	Fair,	Supply and designate water-closet,	Complied.
Sam'l Goldman,	Skirts,	7	7	-	-	Poor,	Post time table; supply and designate water-closet,	Complied.

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A. Aronson,	Trousers,	5	3	-	-	Poor,	Clean workshop, stairs, entry and water-closet,	Complied.
H. Aronson,	Coats,	12	8	-	1	Poor,	Clean workshop, stairs, entry and water-closet,	Complied.
S. Marcus,	Trousers,	8	5	-	-	Poor,	Clean workshop, stairs, entry and water-closet,	Complied.
M. Rosenberg,	Trousers,	6	6	-	-	Poor,	Clean workshop, stairs, entry and water-closets,	Complied.
S. Cohen,	Coats,	6	6	-	-	Fair,	None,	Complied.
M. Goldstein,	Trousers,	6	8	-	-	Fair,	Post time table,	Complied.
J. Weinstein,	Trousers,	5	5	-	-	Fair,	Post time table,	Complied.
J. Lanes,	Trousers,	6	6	-	-	Fair,	None,	-
T. Giofosa,	Coats,	20	15	-	-	Good,	None,	-
Y. Shannahoffski,	Vests,	6	6	-	-	Good,	None,	-
J. Becker,	Coats,	17	10	-	-	Fair,	Clean floor of workshop,	Complied.
Kirshen & Eriberg,	Trousers,	9	6	-	-	Poor,	Clean workshop,	Complied.
Cohen Bros.,	Clothing,	8	4	-	-	Fair,	None,	-
Nunzio, Shea & Pelosi,	Coats,	17	4	-	-	Fair,	Post time table,	Complied.
Lyon & Sworoski,	Clothing,	9	8	-	-	Fair,	None,	-
Harris Rubber Co.,	Mackintoshes,	15	10	-	-	Poor,	Clean and designate water-closet; clean workshop; post time table.	Complied.
A. Sugerman,	Coats,	4	2	-	-	Fair,	Post time table,	Complied.
J. Freedman,	Trousers,	9	5	-	-	Poor,	Clean water-closet; post time table; guard shafting,	Complied.
Corvin & Cohen,	Coats,	16	10	-	-	Poor,	Clean water-closets; post time table; guard shafting,	Complied.
John Podolski,	Coats,	25	9	-	1	Fair,	None,	-
Jos. Laskus,	Coats,	22	5	-	-	Fair,	Post time table,	Complied.
Abraham Lemer,	Vests,	9	6	-	-	Poor,	Clean stairs, entry and workshop; clean and designate water-closets.	Complied.

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SPECIAL DUTY, JOHN E. GRIFFIN, *Inspector — Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Basile Bros.,	Coats,	10	6	-	-	Poor,	Clean stairs, entry and workshop; clean and designate water-closets,	Complied.
L. Levy,	Buttonhole maker,	3	2	-	1	Fair,	Obtain certificate for minor,	Complied.
H. Keshenofski,	Boys' knee pants,	6	6	-	-	Fair,	Post time table,	Complied.
H. Oppenheim,	Boys' jackets,	4	2	-	-	Poor,	Clean and designate water-closet; clean workshop and post time table.	Complied.
Addleson & Fox,	Clothing,	5	1	-	1	Fair,	Post time table,	Complied.
Schwartz & Feinstein,	Coats,	9	2	-	-	Poor,	Clean and designate water closet; clean workshop; post time table.	Complied.
D. Solomon,	Ladies' garments,	2	5	-	-	Poor,	Designate and clean water-closets; post time table,	Complied.
S. Cabelinsky,	Overalls,	4	10	-	-	Fair,	None,	-
Rosenthal & Baker,	Clothing,	4	1	-	-	Fair,	Post time table,	Complied.
Wolf Klein,	Coats,	7	3	-	-	Fair,	Post time table,	Complied.
Louis Baw,	Trousers,	10	5	-	1	Fair,	Post time table,	Complied.
Isaac Goldstein,	Trousers,	7	6	-	-	Poor,	Clean and designate water-closets; clean workshop and post time table.	Complied.
Bloom & Mogalefsky,	Trousers,	6	6	-	-	Fair,	Post time table,	Complied.
Nathan Simon,	Trousers,	8	9	-	1	Fair,	None,	-
Max Sicolowitz,	Trousers,	7	8	-	-	Fair,	None,	-
Louis Sudhalter,	Trousers,	5	2	-	-	Fair,	None,	-
Klein & Feinstein,	Coats,	5	5	-	-	Fair,	None,	-

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Jacob Watchmaker,	Overalls,	4	8	-	-	Fair,	None,	-
Abram Epstein,	Dressmaker,	3	4	-	-	Poor,	Secure proper workshop,	Complied.
Wolf & Witty,	Coats,	16	8	-	-	Good,	None,	-
Davis & Hulshanetsky,	Trousers,	8	8	-	-	Fair,	Post time table,	Complied.
Asher Cohen,	Vests,	7	8	-	-	Fair,	Post time table,	Complied.
B. Taylor,	Trousers,	11	6	-	-	Fair,	Post time table,	Complied.
D. Berger,	Coats,	4	4	-	-	Fair,	Post time table,	Complied.
John Welensky,	Buttonhole maker,	2	2	-	-	Fair,	Post time table,	Complied.
Kate Rogers,	Boys' knee pants,	1	6	-	-	Fair,	None,	-
Max Hoffman,	Coats,	6	6	-	-	Fair,	Post time table,	Complied.
Mogaleski & Manowich,	Vests,	3	3	-	-	Fair,	Post time table,	Complied.
Rosenstein & Alshuter,	Coats,	10	4	-	-	Fair,	Post time table,	Complied.
N. Aronson,	Ladies' garments,	4	22	-	-	Fair,	None,	-
B. Frankel,	Overalls,	4	2	-	-	Fair,	Post time table; designate water-closets,	Complied.
Maranis & Huberman,	Trousers,	5	3	-	-	Fair,	None,	-
M. Barron,	Coats,	17	9	-	-	Fair,	None,	-
Davis Slovynski,	Trousers,	15	8	-	-	Fair,	Clean water-closets,	Complied.
Wolf Cohen,	Trousers,	5	8	-	-	Fair,	None,	-
L. Arkin,	Trousers,	11	11	-	-	Fair,	None,	-
Solomon, Steinberg & Benixson,	Ladies' garments,	3	6	-	-	Poor,	Clean and designate water-closets,	Complied.
J. Steinberg,	Trousers,	10	8	-	-	Fair,	Post time table,	Complied.
Jos. Sheinfield,	Vests,	5	3	-	-	Poor,	Clean and designate water-closets; clean workshop; post time table.	Complied.

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Report of Inspector Plunkett.

The year just closed has witnessed no new phases in the tenement-house system of clothing manufacture. The law has been rigidly enforced, and happily without recourse to prosecution; its provisions have been complied with in every instance where violations of its requirements were discovered. The few violations which occurred during the year were due more to a false interpretation of the requirements of the statutes than to any other cause, and consisted in the existence of connecting passage-ways or doors between the workshop and the living rooms, which were closed and fastened wherever ordered. These conditions occur only in places where parties hire, for the purpose of manufacture, stores which are located in tenement buildings, and which are directly connected with and let in conjunction with a tenement wherein the proprietor intends to reside. These stores, which are designed to be used for mercantile purposes only, are not easily converted into fit or proper places for the purpose of manufacture; but, if provided with sanitary accommodations, and having no direct connection with any living apartments, the requirements of the law are complied with. This class of workshops is, however, not numerous, and furnishes employment to but a small number of persons in each instance, the occupation carried on in these shops being generally dressmaking, in most cases of the so-called custom-made class.

The enforcement of that provision of the law which requires that "a license must be obtained before a family or any member thereof can engage in the making of wearing apparel in their tenement or dwelling" has occupied my time during the year to the exclusion of almost all else. A larger number of applications for license have been received than for any year since the enactment of this part of the law, which is probably due to the revival of business and the ever-increasing demand for ready-made wearing apparel. Hundreds of applications for licenses have been received from women who have answered advertisements for home sewing by small concerns not having a factory, and who endeavor to have their work made under this system. A majority of these women return the license cards, being unable to accomplish anything at the prices given, which were on a par with those paid to operatives in regular factories, where a perfect system of manufacture is carried on, and where every facility is offered for the accomplishment of large quantities of work. Many of these women, having no other means of support, struggle on, and by working long hours manage to gain a bare subsistence until such

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time as other and more profitable employment is obtained. There are also those who take up this occupation from choice or for pin money. But by the proper enforcement of the license clause of the law the manufacture of wearing apparel can be confined to clean and healthful places, and the danger from contagion from this source be reduced to the minimum.

It has been impossible for me to inspect all of the regular workshops and factories in the district during the year, but what time I have been able to give has been devoted to those which require the most careful attention. The law regulating the hours of labor for women and minors will require close attention, as the supply of labor in the ready-made clothing trade is not at present equal to the demand, and the temptation to violate its provisions is therefore apparent.

The law relating to the employment of children is now thoroughly understood and complied with.

The laws relating to sanitary conveniences are fairly complied with, and a slight improvement over past years is noticeable in this respect.

Summary of Tenement Inspections.

Number of licenses outstanding Oct. 1, 1898,	611
Number of licenses granted during the year,	327
Number of licenses revoked during the year,	219
Number of licenses outstanding Oct. 1, 1899,	719
Number of licenses refused during the year,	35
Number of tenements inspected during the year,	533
Number of tenements visited during the year,	745
Total number of tenements visited and inspected,	1,278

Summary of Workshop Inspections.

Number of inspections,	66
Number of visits,	30
Number of orders,	36
Number of compliances,	36
Number of males employed,	575
Number of females employed,	472
Number of children under sixteen years,	20
Total number of males and females employed,	1,067

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SPECIAL DUTY, ... JOHN H. PLUNKETT, *Inspector*.

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston.								
Louis Finklestein,	Trousers,	6	2	-	-	Fair,	Post time table,	Complied.
B. Falck & Co.,	Trousers,	6	4	-	-	Fair,	None,	-
A. Goldberg,	Trousers,	2	-	-	-	Fair,	Close connection between tenement and shop,	Complied.
M. Greenfelt,	Wrappers,	-	2	-	-	Poor,	Close up connection between tenement and shop,	Complied.
B. Slipian,	Coats,	11	5	-	-	Good,	None,	-
J. Rosenberg,	Trousers,	9	4	-	-	Fair,	None,	-
H. Numan,	Trousers,	11	7	-	-	Fair,	Post time table,	Complied.
N. Suxtmary,	Coats,	14	4	-	-	Fair,	None,	-
M. Louis,	Trousers,	7	2	-	-	Bad,	Secure proper workshop,	Complied.
B. Sugarman,	Trousers,	9	7	-	-	Fair,	None,	-
Mariner & Koplovith,	Coats,	24	9	-	-	Fair,	None,	-
A. Cohen,	Coats,	12	8	-	-	Bad,	Clean room and hall; clean and repair water-closet,	Complied.
D. Shoenberg,	Coats,	6	8	-	-	Fair,	None,	-
S. Goldman,	Trousers,	10	6	-	-	Fair,	None,	-
C. Cohen,	Dresses,	1	4	-	-	Fair,	Repair water-closet,	Complied.
W. Shalcolsky,	Trousers,	12	6	-	1	Fair,	Repair water-closet; procure certificate for minor,	Complied.

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Dickerman & Kornblit,	Trousers,	5	6	-	-	Fair,	Post time table; designate water-closets; certificate for minor.	Complied.
Max Louis,	Trousers,	10	6	-	1	Fair,	Designate water-closet,	Complied.
H. Schwartz,	Trousers,	7	4	-	-	Fair,	None,	-
Korwin & Cohen,	Coats,	15	7	-	1	Bad,	Clean and repair water-closet, room and hall,	Complied.
Boston Knee Pants Co.,	Trousers,	21	10	-	1	Fair,	None,	-
Columbia Overall Co.,	Overalls,	-	6	-	-	Fair,	Post time table,	Complied.
J. Gordon,	Dresses,	1	5	-	-	Fair,	None,	-
S. Sodofsky,	Trousers,	2	7	-	-	Fair,	None,	-
Bowdoin Skirt Co.,	Dresses,	1	9	-	-	Fair,	None,	-
Frank De Masse,	Coats,	28	12	-	1	Fair,	None,	-
E. B. Whitten,	Vests,	2	19	-	-	Good,	None,	-
Evans Bros.,	Vests,	5	25	-	1	Good,	None,	-
J. Natinson,	Trousers,	13	18	-	1	Good,	None,	-
A. Goldberg,	Trousers,	2	-	-	-	Poor,	None,	-
Miss Green,	Vests,	-	9	-	-	Good,	None,	-
Bessie Swimm,	Vests,	-	15	-	-	Fair,	None,	-
Henry Janpol,	Trousers,	5	3	-	-	Fair,	None,	-
I. Shulman,	Coats,	11	5	-	-	Fair,	None,	-
M. S. Kondizion,	Coats,	13	10	-	-	Fair,	None,	-
J. Rosenberg,	Coats,	40	24	-	5	Fair,	None,	-
P. C. Melvin,	Coats,	1	1	-	-	Fair,	None,	-
Geo. Schwan,	Coats,	2	1	-	-	Fair,	None,	-

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SPECIAL DUTY, JOHN H. PLUNKETT, *Inspector — Concluded.*

NAME OF FACTORY OR WORKSHOP.	Goods Manufactured.	Number Employed.				Sanitary Condition.	Orders Given.	Compliances.
		Males.	Females.	Under 14.	14 to 16.			
Boston — Con.								
Geo. Donovan,	Trousers,	3	19	-	-	Fair,	None,	-
Murphy & O'Brien,	Coats,	15	4	-	-	Fair,	None,	-
Boston Tailoring Co.,	Coats,	10	8	-	-	Fair,	None,	-
E. Newrenberg,	Coats,	17	14	-	-	Good,	None,	-
J. Zieler,	Buttonhole maker,	2	2	-	1	Good,	Procure certificate for minor,	Complied.
M. Yeretsky,	Coats,	17	9	-	-	Good,	Post time table,	Complied.
Bartkiewiez & Splitt,	Coats,	10	8	-	-	Good,	None,	-
J. Schulman,	Coats,	15	5	-	1	Good,	Procure certificate for minor,	Complied.
M. Sodofsky,	Coats,	12	7	-	-	Fair,	None,	-
Spector & Barnott,	Coats,	4	6	-	-	Fair,	None,	-
S. Levine,	Trousers,	10	3	-	-	Fair,	None,	-
J. Usam,	Vests,	9	5	-	-	Fair,	None,	-
Klein & Freidman,	Vests,	15	18	-	3	Fair,	Procure certificate for minor,	Complied.
J. Cohen,	Coats,	19	8	-	-	Fair,	None,	-
Max Louis,	Trousers,	5	6	-	1	Fair,	Procure certificate for minor,	Complied.
O. Haber,	Trousers,	8	3	-	1	Fair,	Procure certificate for minor; post time table,	Complied.

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S. Nathan,	Coats,	2	1	-	1	Fair,	Post time table,	Complied.
F. H. Hughes,	Trousers,	3	6	-	-	Fair,	None,	-
L. Greenbaum,	Coats,	15	9	-	-	Good,	None,	-
D. Wasserman,	Trousers,	27	17	-	-	Fair,	None,	-
Gluntz, Cohen & Co.,	Trousers,	12	13	-	-	Fair,	None,	-
Chelsea.								
Julia Sparks,	Vests,	2	7	-	-	Good,	Post time table,	Complied.
I. Cohen,	Trousers,	2	-	-	-	Poor,	Secure workshop,	Complied.
Cambridge.								
M. Wolcott,	Dresses,	1	5	-	-	Fair,	Post time table; close connection between shop and tenement.	Complied.
Lowell.								
Louis Alexander,	Clothing,	8	5	-	-	Good,	None,	-
Lawrence.								
Simon Cohen,	Clothing,	2	1	-	-	Poor,	Clean room,	Complied.
S. Berman,	Skirts,	2	1	-	-	Fair,	Close connection between shop and tenement,	Complied.
H. Doblin,	Trousers,	2	1	-	-	Fair,	None,	-
J. Cohn,	Clothing,	2	1	-	-	Fair,	Close connection between shop and tenement,	Complied.

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BOILER INSPECTION DEPARTMENT.

REPORTS OF INSPECTORS.

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BOILER INSPECTION DEPARTMENT.

Report of Inspector Hawley.

District No. 1.

I submit herewith my seventh annual report, together with summary of examinations and inspections.

The passage of the act defining more clearly the grades of licenses for engineers and firemen has enabled this law to be enforced with a more satisfactory understanding. There appears to be a very general disposition to comply with the law by steam users when the matter is brought definitely to their attention, but at the same time in a number of cases men are put on to steam plants without licenses and work for some weeks, and then apply for a license. This is more noticeable in plants where there is an engineer in charge, but which also require licensed assistants and firemen. When these cases are found and attention called to the law, there is but little difficulty in obtaining a prompt compliance. It is very seldom, however, now the case, that a man is engaged to take charge of a plant, in cases where there is but one engineer, unless he holds a license; but it cannot be said to be true that in the case of firemen under engineers and assistants, there is so generally a strict conformity to the requirements of the law, although, as noted above, no difficulty is experienced after attention is called to the matter, so far as that particular case is concerned. The law allows the employer one week in which to get a licensed man, and in some cases this time is considerably overrun, possibly in the expectation that the unlicensed person employed during that week, may then be able to get a license. I have made during the year fourteen prosecutions for violation of this law, but they have been principally of men who had been notified and failed to comply with the law, and in all cases I was satisfied there was an intentional violation of the law. In each case the law was sustained and the parties fined.

The work of inspection of boilers has proceeded this year without any noticeable incident, and, as in previous years, there is a

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disposition to comply with the requirements of the department. The majority of owners are only too glad to be informed of any questionable features about the boilers they have in charge, and welcome the suggestions of the department. There are some exceptions to this, however, and usually the cost of some necessary repairs leads the owners to prefer to run considerable risk which should not be taken. In one particular case the large flat surface of a high-pressure boiler was insufficiently braced. The surface was flat, 18 by 48 inches, and, allowing for the support the sides gave, there was a flat area of about 600 inches, supported by two 2 x ½-inch flat stays. At the pressure desired, 60 pounds, this would submit each stay to the tremendous load of 9 tons. Nine tons is a dangerous and risky load to put upon any such rod, and orders for additional braces were given, but the cost of these braces was more than the owner desired to pay out. He had, however, no difficulty in getting a boiler insurance company to insure the boiler, even with this risk, and thought that by doing so he could overcome the orders to make the boiler safe. If the boiler had been so insured previous to inspection by this department, he could then have lawfully operated the boiler, since the inspector has no jurisdiction in such a case, but, having once been inspected, a compliance with this order will be insisted on, or else the operation of the boiler at a lower pressure. The considerable amount of clerical work naturally lessens the amount of work it is possible to do, but it is hoped that this will fall off shortly, the number of applications for renewals of licenses decreasing considerably.

The number of applications for licenses of the highest grade is proportionately on the increase, and the method of examination is now such that the time given each applicant is considerably increased, making it not possible to examine so many men. Many of these men fail to obtain a higher license, and, having one already, their application is counted among those rejected. The number of rejections, therefore, does not necessarily imply that the person rejected was unqualified for any license. The large number of specials issued are principally for small isolated plants, for which a general license could not be required.

Following is a summary of inspections and examinations: —

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Summary of Examinations.

Applicants for license examined,		926
Licenses granted: —		
First class,	11	
Second class,	17	
Third class,	31	
Special,	157	
Hoisting,	26	
Firemen, first class,	89	
Firemen, low pressure,	35	
Steam fire engine,	21	
Total licenses,	387	
Licenses refused,		374
Examined once, given another trial,		165
Renewals,		1,215

Summary of Inspections.

Boilers inspected,	177
Defects found,	306
Defects found dangerous,	224
Boilers ordered repaired,	125
Boilers condemned,	2
Prosecutions for violation of license law,	14

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Boiler Inspection Report.

DISTRICT No. 1.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Boston.					
Boston Tow Boat Co.,	Lighter,	1	1	Fusible plug,	Complied.
Boston Tow Boat Co.,	Lighter,	3	1	Fusible plug; patch,	Complied.
Boston Tow Boat Co.,	Lighter,	5	1	Fusible plug,	Complied.
Boston Tow Boat Co.,	Lighter,	5	2	Fusible plug; repair gauge,	Complied.
Boston Tow Boat Co.,	Lighter,	5	4	Fusible plug; some new tubes; calking leaks,	Complied.
Boston Tow Boat Co.,	Lighter,	3	1	Fusible plug,	Complied.
Boston Tow Boat Co.,	Lighter,	4	1	Fusible plug,	Complied.
Boston Tow Boat Co ,	Lighter,	4	1	Fusible plug,	Complied.
Boston Tow Boat Co.,	Lighter,	3	1	Fusible plug,	Complied.
Boston Tow Boat Co.,	Lighter,	3	2	Fusible plug; repair gauge,	Complied.
Boston Tow Boat Co.,	Lighter,	4	2	Fusible plug; new safety valve; hand hole to be cut in boiler,	Complied.
Boston Tow Boat Co.,	Derrick,	5	5	New safety valve; fusible plug; attention called to general deterioration.	Complied.
Boston Tow Boat Co.,	Lighter,	2	1	Fusible plug,	Complied.
Boston Tow Boat Co.,	Grain elevator,	4	1	Fusible plug; remove old tube,	Complied.
W. S. Rendle Co.,	Hoister,	3	1	Repair steam gauge; limit pressure,	Complied.
W. S. Rendle Co.,	Hoister,	7	6	Safety valve; new steam gauge; fusible plug; lower pressure,	Not since used.

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W. S. Rendle Co.,	Hoister,	1	1	Fusible plug,	Not since used.
W. S. Rendle Co.,	Hoister,	1	1	Fusible plug,	Not since used.
W. S. Rendle Co.,	Hoister,	1	1	Fusible plug,	Not since used.
W. S. Rendle Co.,	Hoister,	4	1	Fusible plug; lower pressure,	Not since used.
Horace Sias,	Hoister,	3	2	Fusible plug; new tubes,	Not since used.
Commonwealth of Massachusetts,	Pumping station,	1	-	None (four boilers, East Boston),	-
L. C. Smith,	Laundry,	1	1	Limit pressure,	Not in use.
H. B. Newhall, Saugus,	Manufacturing,	8	5	Condemned,	-
Commonwealth of Massachusetts,	Pumping,	-	-	None (two boilers, Charlestown),	-
Hotel Palmerston,	Hotel,	4	2	New boiler,	Complied.
Hotel Palmerston,	Hotel,	1	1	New safety valve,	Complied.
Cunningham Lumber Co.,	Lumber,	2	2	Fusible plug; patch fire box,	Complied.
Cunningham Lumber Co.,	Lumber,	1	1	Fusible plug,	Complied.
F. J. White & Co.,	Hoisting,	3	3	Condemned,	-
Wm. Duncan,	Foundry,	2	2	New safety valve; fusible plug,	Complied.
W. H. Ellis & Co.,	Pile driver,	1	1	Fusible plug,	Complied.
W. H. Ellis & Co.,	Pile driver,	2	2	Fusible plug; new pressure gauge,	Complied.
W. H. Ellis & Co.,	Hoisting,	2	2	Fusible plug; hand-hole openings cut,	Complied.
W. H. Ellis & Co.,	Hoisting,	-	-	Fusible plug; hand-hole openings cut,	Complied.
W. H. Ellis & Co.,	Pile driver,	2	2	Fusible plug; new steam gauge,	Complied.
P. J. Grace,	Offices,	6	1	New tubes; reduce pressure,	Complied.
Wallace E. Hyde,	The chutes,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Boston — Con.					
B., R. B. & L. R.R.,	Machine shop,	-	-	None,	-
Irwin & Bates,	Carpets,	4	3	Inspirator; fusible plug; hand-hole openings cut; reduce pressure,	Complied.
Benj. Randall,	Fertilizers,	9	7	New tubes; new safety valve; repair setting; fusible plug; reduce pressure (inspected twice).	Complied.
Benj. Randall,	Fertilizers,	11	9	Put two patches on shell over fire; new tubes; fusible plug; repair setting; new safety valve; reduce pressure (inspected twice).	Complied.
E. B. Vannevar & Co,	Plumbing supplies,	2	2	Fusible plug; larger safety valve,	Complied.
W. A. Whittlesey,	Motor wagon,	-	-	Suggestions as to freer circulation of water in boiler,	-
S. L. Holt & Co.,	General manufacturing,	1	1	New fusible plug,	Complied.
Wm. Robinson & Sons,	Bottlers,	-	-	None,	-
Walworth Eng. & Const. Co,	General purposes,	2	2	Check in returns; stop valve in feed,	Complied.
Shapleigh Coffee Co.,	Coffee mills,	3	3	Remove valve from safety-valve outlet; repair steam gauge connections; new fusible plug.	Complied.
Jones & Marshall,	Restaurant,	1	1	Check valve,	Complied.
N. M. Jewett Lumber Co,	Lumber,	-	-	None (three boilers),	-
Louis Ginsberg,	Baths,	4	4	Provide safety valve, glass or gauge cocks, and pressure gauge,	Partially.
A. Belleville & Co.,	Hoister,	3	3	New safety valve; fusible plug; cut hand-hole openings,	Complied.
A. Belleville & Co.,	Hoister,	1	1	Fusible plug,	Complied.
A. Belleville & Co.,	Hoister,	2	2	Fusible plug; new pressure gauge,	Complied.
A. Belleville & Co.,	Floating scow,	3	2	Fusible plug,	Complied.
C. H. Wood,	Restaurant,	-	-	None,	-

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Macomber & Tucker,	Restaurant,	1	1	Fusible plug,	Complied.
C. W. Armstrong,	Restaurant,	1	1	Fusible plug,	Complied.
D. C. Wyman,	Restaurant,	1	1	Fusible plug; larger safety valve,	Complied.
D. C. Wyman,	Restaurant,	1	1	Larger safety valve,	Complied.
A. W. Cann,	Restaurant,	1	1	Larger safety valve,	-
R. G. Brown,	Restaurant,	2	1	Fusible plug; check valve,	Complied.
Richard Estate,	Offices,	-	-	None,	-
W. E. Hall,	Restaurant,	-	-	None,	-
A. C. Norcross,	Restaurant,	3	3	Check in returns; change gauge connections,	-
Fred W. Tatro,	Restaurant,	6	5	Patch fire box; fusible plug; clean boiler; cut hand-hole openings; repair gauge cocks.	New boiler.
Alvin F. Landers,	Restaurant,	6	3	Larger safety valve; repair setting; raise water column,	Complied.
Hotel Caprio,	Hotel,	-	-	None,	-
Nelson & Co.,	Restaurant,	-	-	None,	-
Adam Mock & Son,	Restaurant,	-	-	None,	-
Hotel Haymarket,	Hotel,	2	2	Larger safety valves (two boilers),	Complied.
W. D. DeFreist,	Quadri Cycle Co.,	2	2	Fusible plug; new safety valve,	Complied.
Albert Weiss,	Hotel,	1	1	Larger safety valve,	-
F. F. Roundy,	Offices,	2	2	Repair setting; raise water column,	Complied.
Standard Bottling Co.,	Bottler,	1	1	Reduce pressure,	-
E. H. Eldridge & Co.,	Stores,	-	-	None (two boilers),	-
E. H. Eldridge & Co.,	Hotel,	2	-	Fusible plug; one new tube,	-
E. H. Eldridge & Co.,	Apartments,	2	2	Larger safety valve; fusible plug,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
E. H. Eldridge & Co.,	Apartments,	2	2	Larger safety valve; fusible plug,	-
J. Albert Walker,	Apartments,	2	2	Larger safety valve; fusible plug,	-
J. Albert Walker,	Apartments,	2	1	Larger safety valve,	-
Chas. M. Campbell,	Apartments,	3	3	Larger safety valve; check valve in returns; fusible plug,	-
C. E. Jackson,	Apartments,	3	3	Larger safety valve; check valve in returns; fusible plug,	-
F. S. Whitwell,	Apartments,	3	3	Larger safety valve; check valve in returns; fusible plug,	-
F. S. Whitwell,	Apartments,	3	3	Larger safety valve; check in returns; fusible plug,	-
Mrs. I. B. Mills,	Apartments,	2	2	Larger safety valve; fusible plug,	-
S. D. Whittemore,	Apartments,	3	3	Larger safety valve; check in returns; fusible plug,	-
S. D. Whittemore,	Apartments,	3	3	Larger safety valve; check valve in returns; fusible plug,	-
H. S. Potter,	Apartments,	3	3	Larger safety valve; check valve in returns; fusible plug,	-
H. S. Potter,	Apartments,	3	3	Larger safety valve; check valve in returns; fusible plug,	-
City of Boston,	Franklin school,	-	-	None (two boilers),	-
City of Boston,	East Boston high school,	1	-	None,	-
City of Boston,	East Boston court house,	4	2	Larger safety valve; fusible plug,	-
City of Boston,	Lyman school,	4	-	Steam gauge; larger safety valve (two boilers),	-
City of Boston,	Cadworth school,	-	-	None (two boilers),	-

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City of Boston,	Tappan school,	3	3	Stop valve; check in returns; larger safety valve,	-
City of Boston,	Noble school,	1	-	Larger safety valve (two boilers),	-
City of Boston,	Blackinton school,	1	1	New tubes,	-
City of Boston,	Adams school,	1	-	None,	-
City of Boston,	High school,	25	25	General report; limit pressure; new tubes in two boilers; clean out boilers; very dirty.	-
City of Boston,	Cushman school,	2	2	Larger safety valve (two boilers),	-
City of Boston,	Mahew school,	-	-	None (two boilers),	-
City of Boston,	Brimmer school,	2	2	Fusible plugs (two boilers),	-
City of Boston,	Bowdoin school,	-	-	None (two boilers),	-
City of Boston,	Wells school,	4	4	New tubes to replace those punched; check valves (two boilers),	-
City of Boston,	Revere school,	-	-	None (three boilers),	-
City of Boston,	Prince school,	6	-	None (two boilers),	-
City of Boston,	Andrews school,	-	-	None (two boilers),	-
City of Boston,	Rutland school,	1	1	Larger safety valve,	-
City of Boston,	Rice school,	4	4	Larger safety valve; check valve (two boilers),	-
City of Boston,	Rice primary,	2	2	Check in return; main stop valve,	-
City of Boston,	Joshua Bates school,	1	1	Replace punched tubes,	-
City of Boston,	Dwight school,	4	4	Fusible plug; check in returns (two boilers),	-
City of Boston,	Winchell school,	2	1	Fusible plug,	-
C. E. Jackson,	Apartments,	2	2	Fusible plug; larger safety valve,	-
Mrs. Wm. Vandervoort,	Apartments,	2	2	Fusible plug; larger safety valve,	-
M. Biddle,	Apartments,	2	2	Fusible plug; larger safety valve,	-

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
City of Boston,	Main drainage works,	-	-	None,	-
City of Boston,	Main drainage works,	-	-	None,	-
A. Bellevue & Co.,	Pile drivers,	2	-	Reduce pressure,	-
A. Bellevue & Co.,	Pile drivers,	-	-	None,	-
A. Bellevue & Co.,	Pile drivers,	2	-	Fusible plug,	-
Tremont Theatre,	Theatre,	-	-	None (two boilers),	-
John C. Haynes,	Apartments,	-	-	None,	-
A. A. Wadleigh,	Hotel Kempton,	-	-	None,	-
E. H. Eldridge & Co.,	Apartments,	-	-	None,	-
A. Geiger, Jr.,	Apartments,	-	-	None,	-
Jarvis Engineering Co.,	Office,	2	2	Fusible plug; check in returns,	-
Hotel Palmerston,	Apartments,	-	-	None,	-
Hollis Street Theatre,	Theatre,	1	1	Larger safety valve,	-
E. H. Eldridge & Co.,	General business,	1	1	Check in returns,	-
Miss M. F. Fisk,	General business,	-	-	None,	-
Hotel Falmouth,	Hotel,	1	1	New fusible plug; clean out boiler,	-

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Medford.					
Commonwealth of Massachusetts, .	Pumping station, . . .	1	-	None (three boilers), ...	-
Commonwealth of Massachusetts, .	Pumping station, . . .	1	1	Gauge cocks, ...	Complied.
Winthrop.					
Commonwealth of Massachusetts, .	Pumping station, . . .	2	-	None (four boilers), ...	-

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Report of Inspector Dyer.

District No. 2.

I have the honor to submit my annual report for District No. 2, boiler inspection department, including tabulated statement of inspections, with summary of same, and of applications received for engineers' and firemen's licenses and for renewals, together with the disposition made of them.

This report covers eleven months, ending Sept. 30, 1899, and the counties of Bristol, Barnstable, Dukes, Plymouth and Nantucket, excepting Abington, Brockton, Hanover, Hingham, Hull, Rockland, Scituate and Whitman, all in the northerly part of Plymouth County.

The tabulated reports and summaries submitted but partially indicate the amount of work devolving upon the inspector in the proper execution of his official duties. The volume of correspondence, numerous personal inquiries, complaints and investigations, coming in rapid succession, requiring careful attention, ample consideration and sound judgment, necessarily absorb much time and labor; while a complete record of every case and action must be systematically kept, so that any particular item may be quickly referred to and satisfactorily explained.

The large number of renewals of licenses issued during the year have added greatly to the clerical labor of the district, more especially because by far the major proportion of it must of necessity be done through the mail. This branch of the inspector's work commenced in August of last year, and must in future continue to be an absorbing factor of his daily duties.

Examinations for the year have averaged 51 per month, scattered over nearly every town in the district; while the average for last year was 50, and the year before 63. New applications for licenses have averaged 58 per month against 42 for last year, and 50 the year before. The boiler inspections have averaged 15 per month, scattered through thirty towns, and boilers not before inspected have had preference, as a rule.

The general condition of boilers in the district has materially improved, as has also the care and attention given them, and no serious accidents or disasters have occurred.

The work of examining engineers and firemen has been essentially facilitated by the boiler, engine and other appliances and apparatus installed in the examining room during the year.

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Summary of Examinations.

Class.	Licenses Applied for.	Licenses Granted.	Renewals Issued.
First-class engineers,	105	14	111
Second-class engineers,	86	57	82
Third-class engineers,	62	48	48
Special engineers,	62	136	89
Hoisting and portable engineers,	13	19	26
Firemen to operate,	289	161	197
Firemen for low-pressure heating,	–	28	2
Special firemen,	–	72	38
Total,	617	535	593

New applications received,	652
Licenses issued on five-year certificates, all of them first-class engineers,	5
Licenses refused,	82

Summary of Inspections.

Boilers inspected,	172
Total defects found,	1,513
Dangerous defects found,	329
Boilers ordered repaired,	96

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Boiler Inspection Report.

DISTRICT No. 2.

NAME.	Building Used for—	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Fall River.					
French Congregational Church,	Church,	15	8	Put in larger blow-off pipe; put returns into bottom of boiler; attach drip to returns; change feed pipe; put in new tubes, safety valve and fusible plug.	Put in new boiler.
Mechanics Foundry & Machine Co ,	Foundry,	13	4	Put in blow-off pipe, gauge glass, fusible plug and check valve,	Complied.
St. Joseph Orphanage,	Laundry,	7	2	Put in a hand-hole and stop-valve in feed pipe,	Complied.
Barnaby Manufacturing Co.,	Cotton mill,	27	7	Put in fusible plugs; put on new soft patches,	Complied.
Barnaby Manufacturing Co.,	Cotton mill,	28	-	None,	-
Hargraves Soap Manufacturing Co.,	Soap works,	19	8	Repair setting, safety and blow-off valves; lower water column and clean.	Complied.
Hargraves Soap Manufacturing Co.,	Soap works,	19	10	Repair setting, safety, feed, check and blow-off valves and gauge cocks and clean.	Complied.
Bristol County,	Court house,	15	-	None,	-
E. S. Brown Co.,	Stores,	29	11	Repair gauge cocks; put in tubes, braces, blow-off pipe and check valve.	Complied.
E. P. Francis Bottling Co.,	Bottling,	10	1	Put in fusible plug,	Complied.
J. G. Terry,	Steam scow,	7	1	Put in fusible plug,	Complied.
William Hyland & Son,	Mattress factory,	9	2	Put stop and check valves in feed pipe,	Complied.
State Armory,	Armory,	9	2	Repair glass and fire grate,	-
Metacomet National Bank,	Stores and offices,	14	-	None,	-
New Bedford.					
Charles E. Davis,	Scow,	8	-	None,	-

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John Duff,	Stores and halls,	-	-	None,	-
New Bedford Ice Co.,	Storehouse,	8	2	Repair feed valve; put check valve in feed pipe,	Complied.
T. M. Denham & Bro.,	Shirt factory,	6	6	New boiler; put on all fittings and put in fusible plug,	Complied.
New Bedford Ice Co.,	Ice house,	6	1	None,	-
New Bedford Ice Co.,	Ice house,	10	3	Put in fusible plug, water glass and cock in gauge pipe,	Complied.
A. T. Akin & Co.,	Coal pockets,	9	-	None,	-
A. T. Akin & Co.,	Wood yard,	9	-	None,	-
Willard B. Bennett,	Blacksmith shop,	9	-	None,	-
County of Bristol,	House of correction,	10	1	Repair gauge cocks,	Complied.
County of Bristol,	House of correction,	19	1	Trim blister,	Complied.
H. H. Gillman,	Stores and halls,	11	-	None,	-
Bates & Kirby Co.,	Candy factory,	12	3	Put in tubes and fusible plug,	Complied.
Taunton.					
Poole Silver Co.,	Britannia works,	10	-	None,	-
Taunton Crucible Co.,	Crucible works,	11	2	Repair setting and blow-off valve,	Complied.
Fairhaven.					
Frank C. Smith,	Boat building,	6	-	None,	-
George R. Valentine,	Machine shop,	9	-	None,	-
Town of Fairhaven,	Sewer pumping,	15	6	Make leaky rivets tight,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
North Attleborough.					
H. D. Hunt,	Printing office,	14	4	Put in braces; repair setting; change feed pipe,	Complied.
E I. Franklin, Agent,	Boarding house,	10	6	Put in fusible plug; stop valves in steam and return pipes,	Complied.
Somerset.					
Mount Hope Iron Co.,	Rolling mill,	12	-	None,	-
Ira A. Hathaway,	Carpenter's shop,	9	1	Put in new tubes,	Complied.
C. E. Hathaway,	Pottery,	7	-	None,	-
Mount Hope Iron Co.,	Machine shop,	12	-	None,	-
Mount Hope Iron Co.,	Coal hoist,	9	-	None,	-
Mount Hope Iron Co.,	Coal hoist,	6	-	None,	-
Mount Hope Iron Co ,	Nail mill,	14	-	None,	-
Mount Hope Iron Co.,	Nail mill,	24	-	None,	-
Mount Hope Iron Co.,	Rolling mill,	12	-	None,	-
Mount Hope Iron Co.,	Rolling mill,	12	-	None,	-
Mount Hope Iron Co.,	Rolling mill,	13	-	None,	-
Mount Hope Iron Co ,	Rolling mill,	12	-	None,	-
Mount Hope Iron Co.,	Rolling mill,	12	-	None,	-
Mount Hope Iron Co.,	Rolling mill,	12	-	None,	-

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Mount Hope Iron Co.,	Nail mill,	21	-	None,	-
Mount Hope Iron Co.,	Pumping,	9	-	None,	-
North Westport.					
Town of Westport,	Stone crusher,	8	-	None,	-
Acushnet.					
Town of Acushnet,	Road roller,	5	-	None,	-
Town of Acushnet,	Stone crusher,	5	-	None,	-
J. B. Hamlin,	Saw mill,	14	3	Put on pressure gauge and fusible plug; patch cracked plate,	Complied.
Wilbur & Hawes,	Saw mill,	7	-	None,	-
Dighton.					
Century Stove Foundry,	Foundry,	15	4	Change feed pipe; cut hand-hole; put in tubes and stop valve in feed.	Complied.
Dighton Manufacturing Co.,	Waste factory,	9	4	Put on gauge glass, stop and check valves and cut hand-hole,	Complied.
Attleborough.					
Hebron Mfg. Co., Dodgeville,	Cotton mill,	24	3	Repair setting,	Complied.
Hebron Mfg. Co., Dodgeville,	Ice house,	7	-	None,	-
Hebron Mfg. Co., Hebronville,	Cotton mill,	32	4	Put in fusible plugs,	Complied.
Hebron Mfg. Co., Hebronville,	Cotton mill,	18	-	None,	-
Dartmouth.					
S. T. Hawes,	Saw mill,	9	1	Put in fusible plug,	Complied.
Arthur J. Delano,	Rendering works,	8	1	Change valves in feed pipe,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Plymouth.					
Charles G. Davis,	Opera house,	16	7	Repair gauge glass and cocks; put in tubes, check in feed and stop in returns.	Complied.
Brookside Building Co.,	Bowling, etc.,	11	2	Put in fusible plug; change check and stop valves in feed pipe,	Complied.
Universalist Church,	Church,	6	6	Put in fusible plug, check valve in feed pipe, and checks and stops into all return pipes.	Complied.
M. E. Dodge,	Hotel,	16	6	Repair safety valve and blow-off pipe; put checks in feed and returns.	Complied.
First Unitarian Society,	Church,	4	4	Put in fusible plugs and checks in feed pipes,	Complied.
Plymouth Five Cents Savings Bank,	Bank and offices,	10	8	Put in fusible plug, check in feed and stops in all return pipes,	Complied.
Plymouth National Bank,	Bank and offices,	10	8	Put in fusible plug, check in feed, stop in steam pipe, and stop and drip in returns.	Complied.
Charles S. Davis, Russell block,	Stores and offices,	–	–	None,	–
Methodist Church,	Church,	10	6	Change feed and blow-off pipes; put in fusible plug, stop in gauge pipe and check in feed pipe.	Complied.
Town of Plymouth,	School,	5	5	Put in blow-off valve, check in feed, stop and check in returns and stop in steam pipe.	Complied.
Congregational Society,	Church,	6	2	Put in fusible plug and a check valve in feed pipe,	Complied.
Catholic Church,	Church,	5	3	Put on larger safety valve; put in fusible plug and check in feed pipe.	Complied.
Estate of John T. Hall,	Stores and hall,	11	9	Put in fusible plug, check in feed pipe, stops in main steam pipes and stops and checks in all returns.	Complied.
Sherman & Barnes,	Stores and hall,	11	9	Put in fusible plug, check in feed pipe, stops in all steam and return pipes and drip in returns.	Complied.
William R. Drew,	Stores and halls,	6	3	Put in fusible plug, check in feed pipe and check in returns,	Complied.
Plymouth Savings Bank,	Bank and hall,	3	2	Put in fusible plug and check valve into feed pipe,	Complied.
Charles S. Davis,	Stores and offices,	5	3	Put in fusible plug and checks on feed and return pipes,	Complied.

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South Hanson.					
John Foster, No. 1,	Saw mill,	12	3	Repair setting and gauge glass; put stop in feed pipe,	Complied.
John Foster, No. 2,	Saw mill,	13	3	Change outlet to safety valve,	Complied.
Marion.					
Estate of W. E. Sparrow,	Saw mill,	23	13	Repair setting, gauge glass, safety valve, try cocks and blow-off valve; put in tubes; connect injector; new hand-hole plate.	Complied.
South Easton.					
James Rankin,	Incubators,	6	2	Put in a hand-hole and fusible plug,	Complied.
Simpson Spring Co.,	Bottling,	5	3	None,	-
Arthur Darling,	Shoe factory,	5	-	None,	-
Simpson Spring Co.,	Bottling,	13	4	Repair setting and gauge glass; lower water column,	Complied.
Duxbury.					
L. Boyer's Sons,	Bottling,	2	1	Put in fusible plug,	Complied.
L. Boyer's Sons,	Hotel laundry,	37	-	None,	-
North Hanson.					
E. W. White,	Tack works,	6	1	Put in fusible plug,	Complied.
Cushing Wilder,	Saw mill,	11	3	Lower water column; put check in feed pipe,	Complied.
Bridgewater.					
E. L. Cook,	Brick yard,	10	1	Repair try cocks,	Complied.
State Normal School, No. 1,	School,	9	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Bridgewater — Con.					
State Normal School, No. 2,	School,	9	-	None,	-
State Normal School, No. 3,	School,	9	-	None,	-
State Normal School, No. 4,	School,	9	-	None,	-
State Normal School, No. 5,	School,	9	-	None,	-
Bridgewater Iron Co.,	Machine shop,	13	4	Put in fusible plug; change blow-off and safety valve pipe; repair water column.	Complied.
Bridgewater Iron Co., No. 1,	Iron rolling mill,	13	4	Put in fusible plug, glass and stop in feed pipe; change blow-off pipe.	Complied.
Bridgewater Iron Co , No. 2,	Iron rolling mill,	13	4	Put in fusible plug, glass and valve in feed pipe; repair safety valve.	Complied.
Bridgewater Iron Co., No. 3,	Iron rolling mill,	15	5	Put in fusible plug, glass and check in feed pipe; change blow-off; repair try cocks.	Complied.
Bridgewater Iron Co., No. 4,	Iron rolling mill,	15	5	Put in fusible plug, glass and check in feed pipe; repair try cocks; trim blister.	Complied.
Bridgewater Iron Co., No. 5,	Iron rolling mill,	14	5	Put in fusible plug, glass and check in feed pipe; trim blisters,	Complied.
Bridgewater Iron Co., No. 1,	Copper mill,	12	3	Put in fusible plug, glass, and change blow-off pipe,	Complied.
Bridgewater Iron Co., No. 2,	Copper mill,	11	2	Put in fusible plug and glass,	Complied.
Middleborough.					
George R. Sampson,	Brick yard,	7	-	None,	-
Harrison W. Atwood,	Saw mill,	8	3	Repair leaky stay bolts, hand-holes and safety valve,	Complied.
J. L. Benson,	Saw mill,	16	7	Repair leaky steam joints, safety valve, water glass, fusible plug, feed pipe, try cocks and setting.	Partially complied.
Brett & Soule,	Corn mill,	14	5	Put in fusible plug; repair setting, gauge glass and try cocks; change check in feed pipe.	Partially complied.

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Falmouth.					
Town of Falmouth,	Road roller,	5	-	None,	-
Halifax.					
Robert Dewhurst,	Saw mill,	11	-	None,	-
N. K. Angus,	Saw mill,	10	2	Repair glass and try cocks,	Complied.
Carver.					
Thain Bros.,	Saw mill,	8	1	Clean mud from log,	Complied.
T. T. Vaughan, Treasurer,	Saw mill,	5	-	None,	-
Eugene Shaw,	Saw mill,	12	3	Repair steam connections, safety valve and glass,	Partially complied.
West Wareham.					
George P. Morse,	Saw mill,	18	8	Put on safety valve, water column, pressure gauge and feed arrangement; build up setting.	Partially complied.
Orleans.					
Town of Orleans,	Stone crusher,	3	3	Repair blow-off valve; make leaky seams tight; put on steam gauge.	Partially complied.
Cummings & Howes,	Pants factory,	6	1	Repair setting,	Complied.
Cummings & Howes,	Pants factory,	8	3	Raise column; repair glass; put on steam gauge,	Complied.
Fulcher Bros.,	Blacksmith shop,	8	1	Put in fusible plug,	Complied.
South Dennis.					
E. A. O'Brien,	Overalls factory,	7	2	Repair safety valve and leaky seam,	Complied.
E. M. Young,	Overalls factory,	11	2	Put in new tube; repair leaky safety plug,	Not yet reported.

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Barnstable.					
Barnstable County,	Court house and prison,	8	3	Change check in return; put check in feed pipe; repair glass,	Not yet reported.
Vineyard Haven.					
William J. Rotch,	Grain mill,	16	4	Repair fire doorway and setting; lower column,	Complied.
William R. Peakes,	Wood yard,	8	1	Put in fusible plug,	Complied.
Town of Tisbury,	Road roller,	7	1	Repair leaky rivet,	Complied.
B. C. Cromwell, Jr., Prest.,	Ship yard,	15	8	Put in tubes and fusible plug,	Not yet reported.
B. C. Cromwell, Jr.,	Scow,	11	2	Repair feed and glass,	Not yet reported.
West Tisbury.					
H. L. Peakes,	Ice house,	5	1	Put in hand-hole,	Not yet reported.
Cottage City.					
Adams & Look,	Stone crusher,	8	1	Put in fusible plug,	Not in use.
Fred. O. Luce,	Saw mill,	6	1	Put in fusible plug,	Complied.
Clofus L. Gouyon,	Ice house,	10	3	Put in fusible plug and glass; connect feed pipe,	Not in use.
Vineyard Grove Co.,	Bath houses,	10	1	Put in fusible plug,	Complied.

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H. J. Greene,	Hoisting boiler,	12	6	Dismantled; connect all fittings,	Not in use.
Gas & Electric Light Co.,	Gas works,	5	-	None,	-
Cottage City St. R'y Co.,	Street railway,	11	1	Repair blow-off valve,	Not in use.
Edgartown.					
Walter S. Osborne,	Water tanks,	7	1	Put in fusible plug,	Complied.
Thomas E. Norton,	Repair shop,	10	2	Repair setting; connect feed pipe,	Complied.
James E. Chadwick,	Coal hoist,	8	1	Put in glass,	Complied.

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Report of Inspector Amell.

District No. 3.

In compliance with your request, I have the honor to submit my fourth annual report of the work performed during the year ending Oct. 14, 1899.

No hinderance to the work on the part of the owners of boilers has been placed in the way of boiler inspection, and a desire that the boilers shall be inspected, at least once during each year, has been manifested where the boilers are used for power purposes, and a cheerful compliance with the suggestions offered and orders issued has been the result, in some instances entailing an outlay of many thousands of dollars.

One large steam plant, having nearly fifty boilers in constant use, some of which, upon my first inspection, were found to be in a very dangerous condition from an accumulation of grease and dirt deposit, has been remodelled, and thirteen of these boilers have been thrown out and new ones have taken their places. A new modern feed-water heater has been installed in this plant, by which the oil was prevented from entering the boilers, and therefore the dangerous condition was removed.

I find not so satisfactory and cheerful disposition to comply with the law upon the part of owners of small plants, where only one small boiler is in use. They often express the opinion that there is no danger from so small a boiler, and they exclaim, "I only use forty or fifty pounds pressure, you know." But some of this class of boilers have been a surprise to their owners, when the pitted and corroded condition has been shown.

One accident, which came near proving fatal, came to my knowledge, and should be mentioned in this report, as it illustrates very forcibly that there is great danger in these small steam appliances which are accepted by most people as safe and harmless. This was the explosion of a Shipman boiler. The owner was attending it, and came near losing his life. He was thrown some fifteen feet with great force, scalded and cut, and was unconscious when found. His recovery was doubtful for many weeks. This owner was always fearless, as this small Shipman boiler was regarded as safe. This explosion was caused undoubtedly by over pressure. The owner stated that he never had tried the safety valve, and that he never knew it to blow off; and that he had seen one hundred and ten pounds pressure indicated by the steam gauge.

Two of these boilers have exploded in Worcester County since I have been inspector of this district. These were both of less horse-power than is required by law for inspection. I am of the

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opinion that this class of steam machinery should be included in the list for inspections.

Since my last annual report a small steam plant has been erected at this office, for the purpose of giving practical examinations to the applicants for licenses. The results have been satisfactory in most cases when this machinery has been used in connection with the examinations of firemen and third-class engineers, but the engine is of no account for the other classes, as it is a common slide valve. A Corliss engine should be added, for use in the first and second class examinations.

A full detailed and tabulated summary of the work follows, including the special duty at Marlborough during the strike in that city.

Summary of Examinations.

Applicants for licenses examined,		846
Licenses granted: —		
First class,	22	
Second class,	67	
Third class,	120	
Special licenses,	291	
Firemen,	117	
Hoisting and portable,	16	
Steam fire engines,	15	
Low pressure firemen,	26	
Total licenses,	674	
Licenses refused,	172	
		846
Applications cancelled,	64	
Cases prosecuted,	1	
Applications received,	771	
Complaints investigated,	21	

Summary of Inspections.

Boilers inspected,	260
Defects found,	464
Dangerous defects,	200
Boilers ordered repaired,	131
Boilers condemned,	4

Summary of Expired Licenses Renewed.

First class,	85
Second class,	94
Third class,	122
Special class,	261
Firemen,	256
Hoisting and portable,	36
Steam fire engines,	13
Total,	867

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Boiler Inspection Report.

DISTRICT No. 3.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Athol.					
Hiram A. Bancroft,	Cider mill,	-	-	None,	-
Athol Electric Light and Power Co.,	Power house,	2	1	Put in fusible plugs,	Complied.
Athol Electric Light and Power Co.,	Power house,	2	1	Put in fusible plugs,	Complied.
Athol Machine Co.,	Machine shop,	3	1	Repair steam gauge,	Complied.
C. F. Richardson,	Stores and offices,	3	3	Check valve; larger safety valve; fusible plug,	-
D. E. Tebo,	No building,	2	2	Cut hand-holes; fusible plug,	Complied.
Edmond Moore,	Wood yard,	2	2	Repair blow-off and steam gauge,	Complied.
Benj. H. Adams,	Manufacturing,	2	-	None,	-
Milton O. Perham,	Hotel,	-	-	None,	-
Miller River National Bank,	Bank, stores and apartments,	2	2	Larger safety valve; fusible plug,	-
Miller River National Bank,	Bank, stores and apartments,	2	2	Larger safety valve; fusible plug,	-
Lucian Lord,	Hotel,	3	2	Larger safety valve; fusible plug,	-
Lucian Lord,	Hotel,	2	2	Larger safety valve; fusible plug,	-
Lucian Lord,	Hotel,	2	2	Larger safety valve; fusible plug,	-
Charles F. Richardson & Son,	Machine shop,	1	1	Check valve in return pipe,	Complied.
M. L. Mowry,	Hotel,	1	1	Drip at bottom of water column,	Complied.
Elisha Webb,	Stores and offices,	1	1	Change pressure pipe on damper,	Complied.

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Auburn.					
James P. Tainor,	Rendering works,	1	-	None,	-
John Warren & Sons,	Tannery,	-	-	None,	-
Barre.					
Austin F. Adams,	Manufacturing,	3	2	Change blow-off; remove scale,	Complied.
The T. E. Rich Co.,	Manufacturing,	3	1	Put in fusible plug,	Complied.
Boston & Albany R.R.,	Boiler house,	4	1	Cut hand-holes,	Complied.
Barre Shoe Co.,	Manufacturing,	1	1	Repair steam gauge,	Complied.
L. S. Heald & Sons,	Machine shop,	2	-	None,	-
Brooks Station.					
Fitchburg R.R. Co.,	Pumping,	-	-	None,	-
Clinton.					
Moulton & O'Mahoney,	Portable and hoisting,	6	3	New steam gauge; fusible plug; try cocks repaired,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	4	1	New fusible plug,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	6	3	New fusible plug; repair steam gauge and try cock,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	1	1	Larger safety valve,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	4	1	New steam gauge,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	7	4	New steam gauge; repair gauge cocks; new fusible plug; clean boiler.	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	4	2	New steam gauge; repair gauge cocks,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	5	3	Repair steam gauge and gauge cock; clean boiler,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Clinton — Con.					
Moulton & O'Mahoney,	Portable and hoisting,	5	2	Repair steam gauge and gauge cocks,	Complied.
Moulton & O'Mahoney,	Portable and hoisting,	4	2	Repair steam gauge and gauge cocks,	Complied.
Dudley.					
James Lafrice,	Wood yard,	-	-	None,	-
German Society,	Hall,	1	1	Change damper pipe,	Complied.
Fitchburg.					
Wachusett Machine Co.,	No building,	2	-	None,	-
Wachusett Machine Co.,	Portable,	2	-	None,	-
Wachusett Machine Co.,	No building,	2	2	Boiler condemned,	-
Wachusett Machine Co.,	Portable,	3	3	Boiler condemned,	-
William A. Cole,	Hotel,	3	-	None,	-
Gardner.					
Chester B. Kendall,	Portable,	3	1	Put in fusible plug,	Complied.
Chester B. Kendall,	Ice house,	5	3	New boiler,	Complied.
Hubbardston.					
Howe's Mill Lumber Co.,	Lumber mill,	1	1	Remove scale,	Complied.

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Howe's Mill Lumber Co.,	Lumber mill,	3	3	Repair brace; remove scale; renew fusible plug,	Complied.
William H. Jefferson,	Portable,	1	1	Repair steam gauge,	Complied.
Roger Lumber Co.,	Saw mill,	3	1	Repair steam gauge,	Complied.
Hardwick.					
Cooley & Bishop,	Portable,	5	5	New fittings all round,	Complied.
Leominster.					
Walter M. Farwell,	No building,	-	-	New fittings all round,	Complied.
Lunenburg.					
Augustus Taylor,	Saw mill,	2	-	None,	-
Milford.					
Standard Oil Co.,	Boiler house,	3	1	Put in fusible plug,	Complied.
Darling Bros.,	Hoisting engine,	2	1	Patch boiler; reduce pressure,	-
Darling Bros.,	Hoisting engine,	2	1	Repair steam gauge,	Complied.
Darling Bros.,	Hoisting engine,	3	1	Repair steam gauge,	Complied.
Pink Granite Co.,	Boiler house,	-	-	None,	-
Pink Granite Co ,	Boiler house,	-	-	None,	-
Pink Granite Co.,	Hoisting engine,	1	-	None,	-
North Brookfield.					
Ferdinand Boucher,	Boiler house,	1	1	Repair feed pipe,	Complied.
Ferdinand Boucher,	Portable,	3	3	New steam gauge; cut hand-holes; new gauge cock,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Northborough.					
Edward H. Smith,	Manufacturing,	3	1	None,	-
Willard T. Sargent,	Wood yard,	2	-	None,	-
Wilder Gibson,	Manufacturing,	-	-	None,	-
William H. Warren,	Rendering works,	2	1	Put in new fusible plug,	Complied.
Northbridge.					
Charles W. Hopkins,	Portable,	2	2	Repair safety valve and gauge cock,	Complied.
Oxford.					
Worcester & Webster Street R.R.,	Power house,	3	1	Put in fusible plugs,	-
Worcester & Webster Street R.R.,	Power house,	3	1	Put in fusible plugs,	-
Worcester & Webster Street R.R.,	Power house,	3	1	Put in fusible plugs,	-
Princeton.					
Olive E. Grey,	Cider mill,	2	-	None,	-
Rutland.					
Consumptive Hospital,	Boiler house,	-	-	None,	-
Consumptive Hospital,	Boiler house,	-	-	None,	-

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Consumptive Hospital,	Boiler house,	-	-	None,	-
Consumptive Hospital,	Boiler house,	-	-	None,	-
Town of Rutland,	Pumping station,	4	-	None,	-
Sutton.					
B. B. & R. Knight,	Boiler house,	1	-	None,	-
B. B. & R. Knight,	Boiler house,	1	-	None,	-
B. B. & R. Knight,	Boiler house,	1	-	None,	-
B. B. & R. Knight,	Machine shop,	-	-	None,	-
B. B. & R. Knight,	Machine shop,	2	1	Repair steam gauge,	Complied.
B. B. & R. Knight,	Boiler house,	2	1	Renew mud drum and tubes,	Complied.
B. B. & R. Knight,	Boiler house,	2	1	Renew mud drum and tubes,	Complied.
B. B. & R. Knight,	Boiler house,	2	1	Renew mud drum and tubes,	Complied.
B. B. & R. Knight,	Boiler house,	2	1	Renew mud drum and tubes,	Complied.
B. B. & R. Knight,	Boiler house,	-	-	None,	-
Sterling.					
Charles H. Webster,	Portable engine,	-	-	None,	-
S. E. Harthon,	Steamboat,	1	1	New tubes,	Complied.
Tolland.					
Charles N. Marshal,	Saw mill,	3	3	Boiler condemned,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Uxbridge.					
Geo. W. Smith,	Shop,	1	-	None,	-
Benj. L. Dresser,	Blacksmith shop,	-	-	None,	-
Winchendon.					
Daniel H. Piper,	Manufacturing,	5	3	Boiler was not in use; certificate withheld,	-
Calib Day & Son,	No building,	4	1	Boiler not in use; certificate withheld,	-
Warren.					
Warren S. P. Manufacturing Co.,	Store and shop,	-	-	None,	-
Bradford Yarn Mills,	Manufacturing,	1	1	New steam gauge,	Complied.
Westborough.					
H. O. Bernard,	Manufacturing,	-	-	None,	-
Forest W. Forbes,	Manufacturing,	2	1	Have hand-holes cut,	Complied.
George M. Howe,	Laundry,	2	1	Have hand-holes cut,	Complied.
Alonzo Loring,	Merry-go-round,	2	1	Provide new steam gauge,	Complied.
Town of Westborough,	School-house,	2	2	Put in check in feed pipe, and drip at bottom of water column,	Complied.
A. N. Davenport,	Stores and apartments,	2	2	Check valve in feed pipe; change damper pipe,	Complied.
Town of Westborough,	Town hall,	-	-	None,	-

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Abbie M. Whitney,	Hotel,	2	2	Check valve in feed pipe; drip at bottom of water column,	Complied.
William H. Bradley,	Manufacturing,	-	-	None,	-
John T. Donahue,	Cider mill,	7	3	Cut hand-holes; repair safety valve; limit pressure to thirty-five pounds.	-
H. W. Kimball,	Wood yard,	1	-	None,	-
Westborough Insane Hospital,	Boiler house and laundry,	-	-	None,	-
Westborough Insane Hospital,	Boiler house and laundry,	-	-	None,	-
Westborough Insane Hospital,	Boiler house and laundry,	-	-	None,	-
Westborough Insane Hospital,	Boiler house and laundry,	1	1	New fusible plug,	Complied.
Westborough Insane Hospital,	Boiler house and laundry,	2	1	Pressure limited to forty pounds,	Complied.
Westborough Insane Hospital,	Pumping station,	2	-	None,	-
Westborough Insane Hospital,	Blacksmith shop,	-	-	None,	-
Westborough Insane Hospital,	Farmhouse,	-	-	None,	-
Westborough Insane Hospital,	Stanly house,	-	-	None,	-
Lyman School,	Manual training,	4	1	New fusible plug,	Complied.
Lyman School,	Home for boys and school,	2	1	Change damper pipe,	Complied.
Lyman School,	Home and school,	-	-	None,	-
Lyman School,	Home and school,	4	2	Change damper on pressure pipe,	Complied.
Lyman School,	Home and school,	-	-	None,	-
Lyman School,	Home and school,	2	-	None,	-
Lyman School,	Home and school,	1	1	Drip at bottom of water column,	Complied.
Lyman School,	Home and school,	1	1	Check in feed pipe,	-
Lyman School,	Pumping station,	1	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Worcester.					
Ransom C. Taylor,	Stores and office,	4	2	Check valve in feed pipe; reduce weight on safety valve,	-
Ransom C. Taylor,	Stores and office,	3	2	Check valve in feed pipe; reduce weight on safety valve,	-
Ransom C. Taylor,	Stores and office,	2	-	None,	-
Ransom C. Taylor,	Store and shop,	3	1	Change feed to front of boiler,	Complied.
R. F. Taylor,	Store and offices,	3	-	None,	-
Clark & Sawyer Co.,	Store and offices,	4	3	Repair steam gauge; reduce weight on safety valve,	Complied.
Clark & Sawyer Co.,	Store and offices,	3	1	Reduce weight on safety valve,	Complied.
Joseph Jacques,	Hotel,	2	-	None,	-
Lake Quinsigamond Steamboat Co.,	Boat,	2	-	None,	-
Lake Quinsigamond Steamboat Co.,	Boat,	2	-	None,	-
Lake Quinsigamond Steamboat Co.,	Boat,	2	1	New steam gauge,	Complied.
Causeway Steamboat Co.,	Steamboat,	1	-	None,	-
Causeway Steamboat Co.,	Steamboat,	1	-	None,	-
Causeway Steamboat Co.,	Steamboat,	-	-	None,	-
John C. French,	Manufacturing,	1	-	None,	-
McCloud, Crane & Mintor,	Manufacturing,	2	1	Put in fusible plug,	Complied.
McCloud, Crane & Mintor,	Manufacturing,	2	1	Put in fusible plug,	Complied.

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Hopeville Manufacturing Co.,	Manufacturing,	2	-	None,	-
Hopeville Manufacturing Co.,	Manufacturing,	2	-	None,	-
Hopeville Manufacturing Co.,	Manufacturing,	1	1	New fusible plug,	Complied.
Hopeville Manufacturing Co.,	Manufacturing,	-	-	None,	-
C. W. Walles & Co.,	Manufacturing,	2	-	None,	-
Fitts Land & Power Co.,	Manufacturing,	2	1	New fusible plug,	-
George W. Havell,	Merry-go-round,	3	1	Repair steam gauge, fusible plug,	Complied.
William T. Mitchell,	Boat,	1	-	None,	-
Stevens' Estate,	Store and shops,	3	-	None,	-
Massachusetts Fuel Co.,	Wood yard,	1	1	Remove scale from boiler,	Complied.
Massachusetts Odd Fellows' Home,	Dwelling,	2	-	None,	-
Massachusetts Odd Fellows' Home,	Dwelling,	2	-	None,	-
Andrew H. Schofield,	Manufacturing,	2	1	Renew fusible plug,	Complied.
Worcester Academy,	School,	2	1	Check valve in feed pipe,	Complied.
Worcester Academy,	School,	2	1	Check valve in feed pipe,	Complied.
Worcester Academy,	Dining hall,	2	2	Check valve in feed pipe; drip water column,	Complied.
Worcester Academy,	Dining hall,	3	2	Check valve in feed pipe; drip water column,	Complied.
Worcester Academy,	Laboratory,	3	3	Repair steam gauge; drip water column and feed pipe,	Complied.
Worcester Academy,	Laboratory,	3	3	Drip water column; new check; new steam gauge,	Complied.
Worcester Academy,	School,	2	2	Drip water column; check valve in feed pipe,	Complied.
Worcester Academy,	School,	3	2	Drip water column; repair steam gauge,	Complied.
Worcester Academy,	School,	1	1	Drip water column,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found		Orders Given.	Compliances.
		Total.	Dangerous.		
Worcester — Con.					
James A. Kane,	Wood yard,	-	-	None,	-
Worcester Optical Co.,	Manufacturing,	4	1	Renew fusible plug,	Complied.
State Armory,	Armory,	-	-	None,	-
State Armory,	Armory,	-	-	None,	-
Worcester Oil Co.,	Manufacturing,	2	1	Repair steam gauge,	Complied.
Beaver Brook Manufacturing Co.,	Manufacturing,	3	1	Repair steam gauge,	Complied.
Clark University,	School,	2	-	None,	-
Clark University,	School,	2	-	None,	-
Clark University,	School,	2	1	None,	-
Stephen Salisbury,	Stores and shops,	4	2	Change damper pipe and check valve in feed,	Complied.
Stephen Salisbury,	Stores and shops,	3	2	Change damper pipe and check valve in feed,	Complied.
Art Museum,	Museum,	1	1	Change damper pipe,	Complied.
Art Museum,	Museum,	1	1	Change damper pipe,	Complied.
Peter Friburg,	Wood yard,	2	-	None,	-
Pilgrim Church,	Church,	3	1	Change damper pipe,	Complied.
Pilgrim Church,	Church,	3	1	Change damper pipe,	Complied.
Standard Foundry Co.,	Foundry,	1	-	None,	-
Reed & Curtis,	Manufacturing,	-	-	None,	-

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Reed & Curtis,	Manufacturing,	2	-	None,	-
Irving E. Bigelow,	No building,	2	1	New fusible plug,	Complied.
Edward Buxton,	No building,	2	-	None,	-
Walker & Brown,	Manufacturing,	1	1	Renew fusible plug,	Complied.
C. D. B. Biscuit Co.,	Bakery,	2	2	New boiler put in,	-
Charles A. Bartlett,	Rendering works,	-	-	None,	-
William T. Merrifield Estate,	Manufacturing,	2	-	None,	-
William T. Merrifield Estate,	Manufacturing,	2	-	None,	-
William T. Merrifield Estate,	Manufacturing,	2	-	None,	-
William T. Merrifield Estate,	Manufacturing,	2	-	None,	-
Pleasant Street Baptist Church,	Church,	2	2	Check in return pipe and feed pipe,	Complied.
State Normal School,	School,	1	-	None,	-
State Normal School,	School,	2	-	None,	-
Trinity M. E. Church,	Church,	2	1	Repair tubes,	-
People's Savings Bank,	Bank,	2	-	Put in new tubes,	Complied.
William T. Dodge,	Store and offices,	3	2	Change damper pipe; check valve in feed pipe,	Complied.
Worcester Opera House,	Theatre,	4	2	Check in feed pipe and drip in water column,	Complied.
Worcester County Jail,	Jail, etc.,	2	-	None,	-
Worcester County Jail,	Jail, etc.,	2	-	None,	-
Worcester County Jail,	Jail, etc.,	-	-	None,	-
Worcester Academy,	School,	-	-	None,	-
Worcester Academy,	School,	1	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Worcester — Con.					
Worcester Academy,	School,	-	-	None,	-
Worcester Academy,	School,	-	-	None,	-
Worcester Academy,	Dining hall,	1	1	Reduce pressure,	Complied.
Worcester Academy,	Dining hall,	1	1	Reduce pressure,	-
Worcester Academy,	School,	2	1	None,	-
Worcester Academy,	School,	2	1	None,	-
Robert Walsh,	Church,	1	-	None,	-
C. E. Fobes,	Hotel,	1	1	Have boiler cleaned,	Complied.
Worcester County Jail,	Jail,	1	-	None,	-
J. Marcus Rice,	Apartment,	3	2	Repair dry sheet; put in check valve in feed pipe,	Complied.
John C. Macinnes,	Store,	1	1	Check in feed pipe and return pipe,	Complied.
John C. Macinnes,	Store,	3	1	Raise water column,	Complied.
C. F. Stevens,	Manufacturing,	1	-	None,	-
Stephen Salisbury,	Manufacturing,	3	-	None,	-
Stephen Salisbury,	Manufacturing,	3	-	None,	-
Stephen Salisbury,	Manufacturing,	3	-	None,	-
Samuel Porter & Co.,	Manufacturing,	4	-	None,	-
C. A. Bartlett,	Rendering works,	2	2	Repair gauge cocks and water glass,	Complied.

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Webster.						
Town of Webster,	Portable engine,	1	1	Larger safety valve,	Complied.
Town of Webster,	Town hall,	3	-	None,	-
Oswell Fritzsche,	Manufacturing,	-	-	None,	-
Wyman E. Phetteplace,	Boat,	1	1	Put in fusible plug,	-
Edgar S. Hill,	Boat,	1	1	Put in fusible plug,	-
Frank H. Barnard,	Portable engine,	1	1	Renew fusible plug,	Complied.
Estate of H. N. Slater,	Store,	-	-	None,	-
Estate of H. N. Slater,	Wood yard,	1	1	New tubes,	-
Estate of H. N. Slater,	Woollen mills,	1	-	None,	-
Estate of H. N. Slater,	Woollen mills,	3	-	None,	-
Estate of H. N. Slater,	Woollen mills,	2	-	None,	-
Estate of H. N. Slater,	Woollen mills,	3	-	None,	-
Estate of H. N. Slater,	Woollen mills,	2	-	None,	-
Estate of H. N. Slater,	Drying wool,	3	-	None,	-
Estate of H. N. Slater,	Drying wool,	2	-	None,	-
Estate of H. N. Slater,	Drying wool,	1	-	None,	-
Estate of H. N. Slater,	Drying wool,	3	-	None,	-
Estate of H. N. Slater,	Drying wool,	3	-	None,	-
Estate of H. N. Slater,	Boiler house,	1	1	Clean the boiler; put in heater,	Complied.
Estate of H. N. Slater,	Boiler house,	1	1	Clean the boiler; put in heater,	Complied.
Estate of H. N. Slater,	Boiler house,	1	1	Clean the boiler; put in heater,	Complied.

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Webster — Con.					
Estate of H. N. Slater, . . .	Boiler house, ...	1	1	Clean the boiler; put in heater, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	2	1	Renew fusible plug, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	2	1	Renew fusible plug, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	2	1	Renew fusible plug, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	2	1	Renew fusible plug, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	2	1	Renew fusible plug, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	-	-	None, ...	-
Estate of H. N. Slater, . . .	Boiler house, ...	-	-	None, ...	-
Estate of H. N. Slater, . . .	Saw mill, ...	2	-	None, ...	-
Estate of H. N. Slater, . . .	Boiler house, ...	2	1	Repair brick work, ...	Complied.
Estate of H. N. Slater, . . .	Boiler house, ...	1	-	None, ...	-

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Report of Inspector Sanborn.

District No. 4.

Nothing has occurred in this district during the past year of sufficient importance to be mentioned in a report to you at this time.

The inspection of boilers is being done in a manner which appears to be satisfactory to all concerned, and no trouble is being encountered in the enforcement of orders given for changes or repairs. Seven boilers have been condemned or put out of service, the owner in some cases finding it to be cheaper to abandon his old boiler and put in new than to comply with orders given for repairs. Many complaints have been investigated where it was claimed that men were operating engines or boilers without license, but with one exception all such complaints proved to be groundless.

Following is a tabulated report of work done in District No. 4 the past year: —

Boilers inspected,	272
Defects found,	583
Defects dangerous,	259
Boilers condemned,	7
New applications for license received,	439
Applicants for license examined,	496

Licenses Granted.

First class,	18
Second class,	27
Third class,	54
Special,	230
Hoisting,	10
Firemen,	121
Total licenses,	460
Licenses refused,	36
Renewals,	222
Complaints investigated,	99
Conviction for working without license,	1

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Boiler Inspection Report.

DISTRICT No. 4.

NAME.	Building Used for—	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Amherst.					
Amherst College,	Laboratory,	7	3	Put stop and check valve in return pipe; put on inspirator,	Complied.
Henry Utly,	Laundry,	-	-	None,	-
F. S. Nutting,	Hall,	-	-	None,	-
Massachusetts Agricultural College,	Stable,	-	-	None,	-
Massachusetts Agricultural College,	Dormitory,	3	1	Put in fusible plug,	Complied.
Belchertown.					
Silas Doolittle,	Saw mill,	-	-	None,	-
Blandford.					
A. B. Pendleton,	Saw mill,	-	-	None,	-
A. H. Nye,	Cider mill,	10	5	Put in new set of tubes; put in fusible plug; clean boiler,	Complied.
W. H. Lewis,	Saw mill,	7	4	Put on new blow-off pipe with new valve and larger feed pipe,	Complied.
S. H. Bodortha,	Saw mill,	-	-	None,	-
Brimfield.					
J. M. Warren,	Hotel,	7	3	Put stop valve on main steam pipe; stop and check valve in main return pipe; change connection to damper regulator.	-

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Chester.					
A. G. Cadwell,	Saw mill,	3	1	Renew fusible plug,	Complied.
Chicopee.					
Albert Blodgett,	Saw mill,	5	2	Put on new pressure gauge; clean boiler,	Complied.
Phillips Bros.,	Brick yard,	-	-	None,	-
Standard Oil Co.,	Storehouse,	-	-	None,	-
Edgemore Bridge Co.,	Hoisting,	-	-	None,	-
Cummington.					
McWilliams Bros.,	Saw mill,	7	4	Put in new set of tubes; repair setting; calk girth seam so that it will be tight with one hundred pounds hydrostatic pressure.	-
Streeter Bros.,	Saw mill,	6	2	Put in fusible plug; repair setting,	Complied.
Easthampton.					
J. S. Connery,	Saw mill,	-	-	None,	-
H. M. Thayer,	Sawing wood,	-	-	None,	-
Town of Easthampton,	Pumping station,	4	1	Put on larger safety valve,	Complied.
Town of Easthampton,	Hall,	-	-	None,	-
Williston Seminary,	School,	-	-	None (five boilers),	-
Williston Seminary,	Hotel,	7	3	Put lighter ball on safety valve; stop and check valve in return pipe.	Complied.
C. M. Hitchcock,	Laundry,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Easthampton — Con.					
E. W. Wood,	Saw mill,	-	-	None,	-
E. D. Torrey,	Saw mill,	-	-	None,	-
Goshen.					
H. C. Packard,	Saw mill,	10	4	Put on new top tube sheet, new safety valve, new water glass, new try cocks, new pressure gauge, and renew fusible plug.	Complied.
Granville.					
I. H. Plumley,	Saw mill,	5	1	Put on larger safety valve; clean boiler,	Complied.
Hatfield.					
Smith Academy,	School,	5	2	Put in fusible plug, stop and check valve in main return pipe,	Complied.
Holyoke.					
City of Holyoke,	Fire engine,	14	7	Condemned,	-
City of Holyoke,	Fire engine,	12	6	Condemned,	-
W. P. Griswold,	Candy manufacturing,	-	-	None,	-
Louis Cloutier,	Store,	9	5	Put stop valve on each main steam pipe; stop and check valve on main return pipe; change connection to damper regulator; larger safety valve and fusible plug.	-
J. H. Fitzsimmons,	Store,	-	-	None,	-
National Laundry,	Laundry,	-	-	None,	-

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H. H. Derrick,	Laundry,	-	-	None,	-
E. H. Frederick,	Machine shop,	4	1	Remove bushing from safety valve,	Complied.
James Woolier,	Dye house,	-	-	None,	-
C. P. Lyman,	Store,	7	2	Put on larger safety valve, stop and check valve on main return pipe; fusible plug and syphon pipe to pressure gauge.	-
G. C. Frissell,	Store,	4	1	Put stop valve on main steam pipe,	-
G. E. Russell,	Store,	5	2	Put on new blow-off pipe; clean boiler,	Complied.
Hubbard & Taber,	Store,	7	3	Put stop valve on main steam pipe; check and stop valve in main return pipe; protect dry sheet.	Complied.
Hubbard & Taber,	Store,	-	-	None (two boilers),	-
Parsons Paper Co.,	No building,	10	6	Two boilers; put on each boiler new safety valve, three new try cocks, pressure gauge and feed pipe.	-
Naumkeag Clothing Co.,	Store,	8	4	Put on larger safety valve; stop valve on main steam pipe; stop and check valve on return pipe; put in fusible plug.	-
J. F. Allyn,	Stores,	-	-	None,	-
A. Steiger,	Stores,	6	3	Put stop valve on main steam pipe; stop and check valve on main return pipe.	-
J. H. Fowler,	No building,	10	5	Put on new safety valve, new blow-off pipe, three new try cocks, and new feed pipe.	-
G. E. Russell,	Store,	-	-	None,	-
John Cleary,	Store,	-	-	None,	-
J. F. Allyn,	Residence,	12	8	Reset boiler; put on new safety valve, new pressure gauge, stop and check valve in main return pipe.	Complied.
Joseph Preston,	Store,	6	1	Protect dry plate,	-
First Congregational Church,	Church,	6	3	Two boilers, put on each, stop valve on main steam pipe; larger safety valve.	-
Second Congregational Church,	Church,	8	5	Raise water column; larger connections to column, with drip valve; fusible plug.	-
First M. E. Church,	Church,	4	2	Two boilers, put larger safety valve on each,	Complied.
Second Baptist Church,	Church,	9	3	Put in new tubes; rerivet and calk girth seam, to be tight at forty pounds hydrostatic pressure.	Complied.
Guyot Brothers,	Hotel,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Holyoke — Con.					
John Tilley,	Store,	-	-	None,	-
T. F. Murray,	Theatre,	5	2	Protect dry plate; clean boiler,	Complied.
Huntington.					
Nelson Marcotte,	Saw mill,	-	-	None,	-
H. E. Stanton,	Hoisting,	4	2	Two boilers, put in new fusible plug; clean boiler,	Complied.
Longmeadow.					
F. A. Champlin,	Hoisting,	-	-	None,	-
Geo. Heath,	Cider mill,	-	-	None,	-
Monson.					
Dr. Owen Copp,	Hospital,	-	-	None (three boilers),	-
Everett Flood,	Hospital,	-	-	None (three boilers),	-
Montgomery.					
D. Roberts,	Saw mill,	-	-	None,	-
Northampton.					
J. D. Norton & Son,	Saw mill,	-	-	None,	-

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G. E. Willis,	Paper mill,	-	-	None,	-
Nonotuck Silk Co.,	Braid mill,	-	-	None,	-
State of Massachusetts,	Hospital,	-	-	None (four boilers),	-
A. C Mathews,	Wood working,	10	3	Put patch on fire box; put in new tubes; notify for further inspection.	Complied.
Hannon & Finton,	No building,	10	5	Put on four-inch safety valve, new blow-off pipe, three new try cocks and larger feed pipe; repair pressure gauge.	-
City of Northampton,	Fire engine,	-	-	None (two boilers),	-
Samuel Lloyd,	Beef packing,	-	-	None,	-
H. B. Houen,	Library,	-	-	None (three boilers),	-
H. B. Houen,	School,	3	1	Put in fusible plug,	-
W. C. Goodwin,	Sawing wood,	-	-	None,	-
W. H. Rice,	Sawing wood,	-	-	None,	-
A. C. Mathews,	Wood working,	10	5	Condemned,	-
Day Brothers,	Brick yard,	10	4	Put on patch; reset boiler; new tubes; new logs; change feed pipe; fusible plug.	Complied.
Northampton Emery Wheel Co.,	-	3	1	Renew fusible plug,	-
Nonotuck Silk Co.,	Button shop,	6	3	Remove bushing from safety valve; repair setting; renew fusible plug; clean boiler.	Complied.
Nonotuck Silk Co.,	School,	9	5	Condemned,	-
H. B. Bartlett,	Saw mill,	3	1	Repair setting,	-
E. E. Wood,	Cutlery,	5	2	Repair setting; renew fusible plug,	-
John Landy,	Quarry,	-	-	None,	-
J. T. Dewey,	Store,	-	-	None,	-
Smith Charities,	Office,	-	-	None,	-
C. F. Smith,	Carpet cleaning,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Northampton — Con.					
Institution for Savings,	Bank,	-	-	None,	-
L. T. Hervy,	Court house,	-	-	None (two boilers),	-
W. M. Ryan,	Laundry,	-	-	None,	-
C. H. Roode,	Machine shop,	-	-	None,	-
C. E. Herrick,	Repair shop,	3	1	Put in fusible plug,	-
D. W. Crafts,	Gas house,	-	-	None,	-
B. T. Capen,	Laundry,	-	-	None,	-
Mona Perrier,	Dye house,	-	-	None,	-
B. E. Cook,	Store,	-	-	None,	-
C. M. Fitts,	Store,	-	-	None,	-
W. H. Todd,	Library,	-	-	None,	-
Arthur Watson,	Library,	-	-	None,	-
Hampden County Bank,	Bank,	-	-	None,	-
Northampton National Bank,	Bank,	-	-	None,	-
C. A. Pierce & Co.,	Printing,	-	-	None,	-
First National Bank,	Bank,	3	2	Put in new tubes; repair setting,	Complied.
F. S. Parsons,	Store,	-	-	None,	-
J. A. Sullivan,	Store,	-	-	None,	-

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W. H. Todd,	Store,	-	-	None,	-
Arthur Watson,	Library,	3	1	Two boilers; put lighter ball on safety valve,	Complied.
E. F. Huebler,	Hotel,	3	1	Three boilers; clean each boiler,	Complied.
North Adams.					
Richmond Estate,	Hotel,	11	6	Remove valve between steam gauge and boiler; stop valve on steam pipe; two and a half inch safety valve; refill fusible plug; calk girth seams; remove one tube; cut hand-holes; two-inch return pipe with one and a quarter inch blow-off; check valve in return.	Complied.
Palmer.					
E. R. Pierce,	Hotel,	-	-	None,	-
R. B. Francis,	Machine shop,	4	2	Repair setting; clean boiler,	Complied.
Town of Palmer,	Schools,	-	-	None (four boilers),	-
Palmer Savings Bank,	Banks,	-	-	None,	-
H. A. Northrop,	Cider mill,	10	8	Put in new set tubes; reset boiler; cut hand-holes; new front and grates.	Out of service.
D. L. Bodfish,	Store,	-	-	None,	-
Town of Palmer,	Hall,	-	-	None,	-
H. P. Holden,	Store,	-	-	None,	-
Flynt Building Co.,	Hoisting,	-	-	None (two boilers),	-
L. W. Caryl,	Bottling,	-	-	None,	-
C. W. Fuller,	Theatre,	4	2	Two boilers, put larger safety valve on each,	Complied.
A. C. Brown & Co.,	Store,	6	3	Put stop valve on main steam pipe; stop and check valve on main return pipe.	Complied.
Town of Palmer,	Fire engine,	4	2	Reduce pressure,	Complied.
Town of Palmer,	Library,	-	-	None,	-
J. W. Mallory,	Laundry,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Palmer — Con.					
A. E. Buck & Co.,	Store,	-	-	None,	-
S. H. Hillyar,	Ridge's food,	-	-	None,	-
B. & A. R.R.,	Passenger station,	2	1	Repair setting,	Complied.
G. B. Kennerson,	Carpets,	-	-	None,	-
E. R. Pierce,	Pumping,	2	1	Put in fusible plug,	Complied.
H. A. Northrop,	Sawing wood,	3	2	Put in fusible plug; clean boiler,	Complied.
Russell.					
Tekoa Manufacturing Co.,	Gloves,	5	2	Protect dry plate; put door in back connection,	Complied.
Alfred Keeler,	Saw mill,	6	2	Put in new stay bolts; clean boiler,	-
Mrs. G. F. Seidell,	Hotel,	4	2	Put stop valve on main steam pipe; stop and check valve on main return pipe.	Complied.
South Hadley.					
G. H. Bellamy,	Paper mill,	4	2	Remove bushing from safety valve; put in fusible plug,	Complied.
Springfield.					
Hannan & Finton,	Repair shop,	8	4	Put on larger safety valve, new blow-off pipe, new try cocks and new pressure gauge.	Complied.
C. C. Abbey,	Sawing wood,	10	4	Put on new front tube sheet; new tubes,	Out of service.
Hannan & Finton,	Repair shop,	10	4	Put on larger safety valve; new blow-off pipe; repair pressure gauge; new feed pipe.	Complied.

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Luther Eams Co.,	Store,	-	-	None,	-
C. A. Higgins,	Laundry,	-	-	None,	-
J. R. Gill,	Residence,	6	4	Put on larger safety valve; new blow-off pipe; fusible plug; clean boiler.	Complied.
C. L. Flagg,	Ice house,	-	-	None,	-
E. M. Lyman & Son,	Seed packing,	-	-	None,	-
Fred Emery,	Ice house,	-	-	None,	-
E. A. Daten,	Ice house,	-	-	None,	-
F. W. Dickinson,	Store,	-	-	None,	-
City of Springfield,	Portable,	3	1	Protect dry plate,	Complied.
A. Mayo,	Brick yard,	7	3	Reset boiler,	Complied.
A. Mayo,	Brick yard,	-	-	None,	-
T. W. Hamilton,	Repair shop,	6	3	Put in three new try cocks; new water glass; fusible plug,	Complied.
P. W. Hennesy,	Brick yard,	4	2	Repair setting; clean boiler,	Complied.
Standard Oil Co.,	Pumping oil,	4	2	Remove bushing from safety valve; put in fusible plug,	Complied.
City of Springfield,	Portable,	10	4	Put in new set tubes; new pop valve; new connections to water column; new feed pipe.	Complied.
J. S. Sanderson,	Brick yard,	-	-	None,	-
William Welch,	Hotel,	-	-	None (two boilers),	-
Hinsdale, Smith & Co,	Store,	2	1	Clean boiler,	-
Bidwell & Loomis,	Store,	-	-	None,	-
City of Springfield,	Pumping station,	3	2	Two boilers; put on larger safety valves,	Complied.
Hannon & Finton,	Repair shop,	10	5	Put on new safety valve; new blow-off pipe; new pressure gauge; larger feed pipe.	Complied.
Hannon & Finton,	Repair shop,	9	4	Put on larger safety valve; repair blow off pipe; repair pressure gauge; new feed pipe.	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Springfield — Con.					
Hannon & Finton,	Store,	7	4	Put on new safety valve; three new try cocks; new feed pipe; fusible plug.	-
City of Springfield,	Almshouse,	-	-	None (two boilers),	-
J. L. Dixon,	School,	8	3	Put lighter ball on safety valve; change connection to damper regulator; new feed pipe; new blow-off pipe.	Complied.
Hinsdale, Smith & Co.,	Store,	10	5	Put on larger safety valve; new blow-off pipe; repair water glass fittings; three new try cocks; new steam gauge; fusible plug; clean boiler.	Complied.
J. T. Bowne,	School,	3	2	Two boilers; change connection to damper; governor on one boiler.	Complied.
C. J. Bellamy,	Printing,	-	-	None,	-
A. L. Fiske,	Bicycle manufacturing,	6	2	Put on new feed pipe; larger connections to water column,	Complied.
Tolland.					
Charles N. Marshall,	Saw mill,	8	5	Condemned,	-
Ware.					
John A. Terry,	Saw mill,	3	2	Put in three new try cocks; repair water glass fittings,	Complied.
Westfield.					
Atlantic Whip Co.,	Whip manufacturing,	4	1	Put in fusible plug; repair water glass fittings,	Complied.
Westfield Manufacturing Co.,	Whip manufacturing,	4	2	Reinforce back hand-hole; change blow-off pipe to bottom of boiler.	Complied.
Foster Machine Co.,	Machine shop,	-	-	None,	-
Great River Power Co.,	Whip manufacturing,	-	-	None (two boilers),	-
Searle & Gladwin,	Sawing wood,	-	-	None,	-

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T. Kneill & Son,	Sawing wood,	-	-	None,	-
Clerk & Story,	Printing,	-	-	None,	-
J. W. Colton & Son,	Extracts,	-	-	None,	-
J. H. Lounsbury,	Machine shop,	3	1	Protect dry plate,	Complied.
John Klar,	Marble works,	4	2	Open and clean boiler, and notify for further inspection,	-
Boyle, Green & Co.,	Planing mill,	-	-	None,	-
I. H. Plumley,	Sawing wood,	4	2	Remove bushing from safety valve; larger feed pipe,	Complied.
C. J. Little,	Sawing wood,	4	2	Repair water glass fittings; put in fusible plug,	Complied.
Westfield Manufacturing Co.,	Thread manufacturing,	3	1	Put in fusible plug,	-
H. A. Woods,	Hoisting,	3	1	Put in new tubes; new water glass fittings,	Complied.
Mrs. Dr. Clark,	Theatre,	-	-	None,	-
Andrew Olekseck,	Saw mill,	6	2	Put in new grates; new try cocks; new water glass fittings,	-
Charles Plumley,	Saw mill,	4	2	Repair setting; clean boiler,	Complied.
Moore & Son,	Machine shop,	-	-	None,	-
C. E. Perkins,	Repair shop,	-	-	None,	-
Fowler & Worthington,	Hotel,	-	-	None,	-
H. R. Norton,	Planing mill,	-	-	None,	-
A. C. Hall,	Store,	-	-	None,	-
A. L. Lakin,	Store,	-	-	None,	-
J. H. Bryan,	Church,	-	-	None,	-
W. F. Thayer,	Church,	-	-	None,	-
Fred. Dawson,	Billiard hall,	-	-	None,	-
G. R. Blodgett,	Hoisting,	-	-	None,	-

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Westfield — Con.					
C. H. Gowdy,	Store,	4	3	Put stop valve in main steam pipe; stop and check valve in main return pipe.	Complied.
Lambson & Rathery,	Store,	-	-	None,	-
F. H. Scott,	Store,	3	1	Put in new pressure gauge,	Complied.
Fred. Schmidt,	Store,	-	-	None,	-
Carrington & Grout,	Laundry,	-	-	None,	-
Cooper & Smith,	Store,	-	-	None,	-
First National Bank,	Bank,	-	-	None,	-
Samuel Squire,	Hotel,	3	1	Put in fusible plug,	Complied.
C. S. Chapin,	School,	-	-	None (three boilers),	-
S. M. McQueen,	Hotel,	-	-	None,	-
C. A. Hastings,	Whip manufacturing,	4	3	Put in new tubes; renew fusible plug,	Complied.
U. S. Whip Co.,	Whip manufacturing,	-	-	None,	-
Williamsburg.					
A. F. Holmes,	Cider mill,	3	1	Put on new water glass fittings,	Complied.
Wilbraham.					
R. J. Pease,	Portable,	9	3	Put on new top tube sheet; new set tubes; new water glass,	-

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Report of Inspector Ferguson.

District No. 5.

I have the honor to submit to you my fifth annual report on the inspection of boilers and examination of engineers, etc., and do here express my satisfaction at the manner in which the work on the inspection of boilers and the examination of engineers has been received, more particularly that of boiler inspection.

The result of the boiler inspection law from year to year can be seen by any observer by looking over and comparing the tabulated statements of previous years with the present one, and it will become evident that an advance of a very positive nature has been made in the attention, general care and management of the steam boilers that have come under my observation; and a most positive change for the better has come to the boilers of public buildings and institutions, the city or town officials being quick to receive and appreciate instructions that are given looking to safer boilers.

The demand for boiler inspection is rapidly increasing each succeeding year, and the public are becoming more and more interested and educated as to the general ways and methods of the department; and it appears to me that the seal of public approval is already stamped upon the inspection law as one of the most practical value.

The work of examination of engineers and firemen continues, but with some dissatisfaction. Notwithstanding all the advantages of a most practical examination, yet even the practical examination given is objected to by some people as a means of ascertaining whether an applicant for a license is capable of operating a steam boiler. But if he cannot tell or show with a boiler or engine in the inspector's presence, how is he going to perform those duties as engineer or fireman when alone with probably several boilers, together with the attendant dangers of high pressure? If an applicant for a license is shown a hand-hole plate, safety valve, check valve and other fittings, and he shows total ignorance of those or other similar things, it proves beyond doubt that he has had but little or no experience around boilers, and I should consider such a man unsafe and consequently refuse him a license.

Following is summary of inspection and examination work: —

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Summary of Examinations.

First-class engineers,	8
Second-class engineers,	10
Third-class engineers,	49
Special class engineers,	88
Hoisting and portable engineers,	13
Firemen,	145
Refused licenses,	347
Licenses revoked,	6
Renewals,	770
Total number of examinations,	660

Summary of Boiler Inspections.

Boilers inspected,	167
Boilers repaired,	36
Boilers condemned,	4
Number of defects,	675
Number of dangerous defects,	233

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Boiler Inspection Report.

DISTRICT No. 5.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Amesbury.					
Briggs Carriage Co.,	Carriage manufacturing,	1	1	When properly set up with appendages necessary to safety, a certificate will be granted.	Complied.
Beverly.					
City of Beverly,	Stone crusher,	5	5	Larger safety valve; fusible plug; repair pipe to water column,	Complied.
City of Beverly,	Road roller,	3	2	Repair gauge cocks; fusible plug; pressure not to exceed one hundred and twenty pounds.	Complied.
City of Beverly,	Almshouse,	2	2	Provide gauge cocks; fusible plug,	Complied.
F. A. Taylor,	Glove manufacturing,	3	1	Renew safety plug; remove bushings from safety valve escape,	Complied.
Danvers.					
Insane Hospital (eight boilers),	Hospital,	17	8	Attach blow-off to bottom of boiler, the same to be reinforced; pressure not to exceed sixty pounds.	New boilers.
Insane Hospital Gas House,	Hospital,	-	-	None.	-
Insane Hospital,	Hoisting engine and boiler,	4	4	Hand-holes above tube sheet; fusible plug; repair safety valve; remove corrosion; pressure not to exceed sixty pounds.	Complied.
Donovan & Shea,	Shoe manufacturing,	4	4	Protect dry sheet; insert fusible plug; remove deposit,	Complied.
Eaton & Armitage,	Shoe manufacturing,	1	-	Repair feed pipe inside boiler,	Complied.
Geo. W. Baker (Armory),	Armory,	-	-	Remove deposit; repair return pipe; attach blow-off pipe; fusible plug; protect dry sheet.	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Essex.					
Edward Story,	Saw mill,	2	1	Repair feed pipe; pressure limited to seventy-five pounds,	Complied.
Georgetown.					
Willard A. Hardy,	Saw mill,	2	2	Remove deposit; instructions as to care of boiler and removal of scale; protect dry sheet.	Complied.
Gloucester.					
Jabez Dunbar,	Saw mill,	1	-	When properly set up with appendages necessary to safety a certificate will be granted; renew plugged tube.	Complied.
Slade, Gorton & Co.,	Fish preserving,	1	1	Repair braces in each head,	Complied.
Slade, Gorton & Co.,	Fish preserving,	2	2	Remove corrosion; a pressure not to exceed twenty pounds to be carried.	Complied.
Michael Amero,	Pile driver,	3	3	Provide pop safety valve; fusible plug; hand-holes in water leg,	-
Hamilton.					
John F. Smith,	Wood working,	4	2	Insert fusible plug; remove deposit; remove corrosion; repair try cocks.	-
Lynn.					
J. E. Hayes,	Laundry,	4	2	Insert fusible plug; change feed water; remove deposit; prevent leakage in fire box.	Complied.
Hiram Carsley,	Machine shop,	13	10	Remove scale; larger pipes to water column; protect dry sheet; pressure not to exceed forty pounds; remove corrosion.	Complied.
Chas. E. Russell,	Laundry,	6	2	Remove deposit; insert fusible plug,	Complied.
H. B. Newhall,	Not in use,	11	11	Pressure not to exceed ten pounds; boiler must be retubed,	Not in use.
Geo. H. Spear,	Show stock,	2	1	Raise water column; remove deposit,	Complied.

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Edward Randall & Co.,	Shoe manufacturing,	2	2	Protect dry sheet; renew fusible plug,	Complied.
First Universalist Church (two boilers).	Church,	4	2	Remove corrosion and deposit; insert fusible plug,	Complied.
Edward E. Strout, Lynn Imp. and Real Estate Co. (two boilers).	Shoe manufacturing,	3	2	Remove piping in furnace; repair brick work in front; pressure not to exceed one hundred and ten pounds.	-
Storer F. Crafts,	Hotel,	5	3	Repair setting at back end; provide fusible plug; raise water column.	-
William Forsyth & Son,	Wood working,	1	1	Raise water column,	-
Lawrence.					
Wetherbee School (two boilers),	School,	1	1	Brace in each head must be repaired,	Complied.
Saunders School,	School,	1	-	None,	-
Saunders School (annex),	School,	1	1	Put stop valve next to boiler with check outside,	Complied.
Packard "Annex,"	School,	-	-	None,	-
Packard School,	School,	1	-	None,	-
Walton School,	School,	1	-	None,	-
Harrington School,	School,	-	-	None,	-
Newbury School,	School,	2	1	Protect dry sheet,	Complied.
High and Oliver Schools (two boilers).	School,	4	2	Protect dry sheet; repair brick work at back end,	Complied.
Training School,	School,	2	1	Protect dry sheet,	Complied.
Manual Training School,	School,	3	1	Protect dry sheet,	Complied.
Prospect School,	School,	-	-	None,	-
Storrow School,	School,	2	1	Protect dry sheet; remove deposit; renew tube now plugged,	Complied.
Rollins School,	School,	1	1	Protect dry sheet,	Complied.
Washington School,	School,	2	1	Make boiler accessible for inspection, both internal and external,	Complied.
Arlington School,	School,	1	-	Lower flame bed to facilitate inspection,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Lawrence — Con.					
Tarbox School,	School,	-	-	None,	-
Park School,	School,	2	-	None,	-
Amesbury School,	School,	2	-	None,	-
Hampshire School,	School,	2	1	Protect dry sheet,	Complied.
Lowell School,	School,	2	1	Protect dry sheet,	Complied.
Essex School,	School,	3	2	Renew leaky tubes; lower flame bed to facilitate inspection,	Complied.
Riverside School,	School,	-	-	None,	-
Franklin School,	School,	-	-	None,	-
Warren School,	School,	-	-	None,	-
Manchester.					
Merritt A. Long,	Laundry,	5	2	Renew leaky tubes; provide safety plug; change feed water,	Complied.
Israel Martin,	Brick manufacturing,	1	1	Put stop valve next to boiler on feed pipe,	Complied.
Town of Manchester (one boiler),	Pumping station,	2	-	None,	-
Town of Manchester,	Pumping station,	2	2	Insert fusible plug; make top head accessible for inspection,	Complied.
Town of Manchester,	Steam drill,	2	1	Repair steam gauge; renew safety plug,	Complied.
Town of Manchester,	Road roller,	3	2	Renew safety plug; put drip on safety valve; remove corrosion,	Complied.
Town of Manchester,	Stone crusher,	1	1	Renew safety plug,	Complied.

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Town of Manchester,	High school,	2	-	Put stop valve next to boiler; attach blow-off on drum,	Complied.
James B. Dow,	Hoisting coal,	5	3	Remove corrosion; instructions as to care of boiler; new safety plug.	Complied.
Chas. C. Dodge,	Wood working,	3	-	Remove deposit; new safety plug; repair gauge cocks,	Complied.
Marblehead.					
Engine House, School Street,	Fire engine house,	3	3	Retube boiler; protect dry sheet; check valve on return pipe; attach gauge cocks.	-
James Sullivan,	Glue manufacturing,	3	2	Enlarge blow-off; remove scale and deposit,	Complied.
J. W. Peach,	Shoe shop,	7	5	Place man-hole; two braces in each head; enlarge water pipes to water column; repair setting.	Complied.
Magnolia.					
Hotel Ocean Side (two boilers),	Hotel,	4	1	Raise water column on both boilers; renew fusible plug,	Complied.
Hotel Aborn,	Hotel,	2	1	Insert fusible plug; attach steam gauge having higher range of indications of pressure.	Complied.
Hotel Blynman,	Hotel,	4	2	Put man-hole in boiler; two braces in each head,	Complied.
Newburyport.					
C. R. Sargent,	Machine shop,	5	4	Remove scale and deposit; remove deposit from blow-off pipe; place stop valve in main pipe.	Complied.
Pearl I. Bradford,	Plumbing, etc.,	1	1	Remove corrosion,	Complied.
C. C. Benson,	Power house,	2	2	When properly set up with appendages necessary to safety a certificate will be issued.	Complied.
Silas M. Noyes,	Stone crusher,	3	2	Provide safety plug; larger safety valve,	Complied.
Dalton Club,	Club house,	-	-	None,	-
Standard Oil Co.,	Oil storage,	2	-	Pressure not to exceed forty pounds,	Complied.
C. T. Townsend,	Carpet cleaning,	3	1	Repair steam gauge connections,	-
A. W. Poor,	Carriage works,	-	-	None,	-
Life Griffin,	Stores, halls, etc.,	-	-	None,	-

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Boiler Inspection Report—Continued.

NAME.	Building Used for—	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Newburyport—Con.					
Almshouse,	Almshouse,	3	1	Raise combination; lighter weights on safety valve; a drip to water column.	Complied.
Newburyport Gas & Electric Co.,	Gas house,	3	2	Protect dry sheet; remove scale and deposit,	-
John J. Rourke,	Laundry,	3	2	Insert fusible plug; remove deposit; pressure not to exceed fifty pounds.	-
Peabody.					
Town of Peabody (two boilers),	Pumping station,	2	1	Enlarge water pipes to combinations,	Complied.
Peabody Granite Co. (two boilers),	Quarry purposes,	5	3	Provide safety plug; remove corrosion; pressure not to exceed ninety pounds.	Complied.
Dearborn Bros.,	Quarry,	4	1	Provide safety plug; pressure not to exceed ninety pounds,	Complied.
George N. Davis (three boilers),	Quarry,	6	2	Repair gauge cocks; renew safety plug; put drip on safety valve,	Complied.
Peter R. Gill,	Leather manufacturing,	8	3	Repair setting; attach blow-off to bottom of shell; larger pipes to water column; repair gauge cocks.	Complied.
Mrs. Olive Rodie,	Shoe stock,	7	5	Condemned,	Complied.
Geo. Pauley & Son,	Suspender manufacturing,	2	1	Provide safety plug,	Complied.
Geo. M. Osborn,	Shoe stock,	1	-	None,	-
James M. Brown,	Shoe stock,	5	4	Pop safety valve set at thirty pounds; cut hand-holes; safety plug,	Complied.
Geo. H. Little,	Machine shop,	11	4	Repair setting; safety plug; remove deposit; attach blow-off to bottom of boiler; raise combination.	Complied.
Geo. H. Little,	Machine shop,	3	2	Cut hand holes; safety plug,	Complied.
Geo. H. Little,	Machine shop,	9	3	Repair setting; new safety valve; safety plug; remove deposit,	Complied.
John H. Hammond,	Shoe shop,	-	-	None,	-

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Rockport.					
Pigeon Hill Granite Co., sloop "C. E. Trumbull"	Stone sloop,	3	2	Larger blow-off; remove corrosion,	Complied.
Cape Ann Isinglass Co.,	Manufacture of isinglass,	3	-	Renew safety plug; alter position of feed,	Complied.
Pigeon Hill Granite Co., No. 1,	Quarry,	-	-	None,	-
Pigeon Hill Granite Co., No. 2,	Quarry,	4	1	Renew fusible plug; remove corrosion,	Complied.
Pigeon Hill Granite Co., No. 3,	Quarry,	-	-	None,	-
Pigeon Hill Granite Co., No. 4,	Quarry,	3	1	Provide safety plug; remove corrosion,	Complied.
Pigeon Hill Granite Co ,	Quarry,	4	4	Put man-hole on shell; put on patches; remove scale and deposit; provide safety plug.	Complied.
Pigeon Hill Granite Co , No. 6,	Quarry,	-	-	None,	-
Pigeon Hill Granite Co.,	Quarry,	4	3	Larger blow-off; new pressure gauge; cut hand-holes,	-
Pigeon Hill Granite Co.,	Quarry,	9	7	Provide all necessary appendages and properly set up same, when a certificate will be issued.	Not in use.
Pigeon Hill Granite Co , Schooner "G. R. Bradford."	Stone sloop,	1	-	None,	-
Pigeon Hill Granite Co , Sloop "Screamer."	- -	3	4	Fusible plug; larger blow-off pipe; general repairs on shell heads, etc.	Complied.
Rockport Granite Co , Bay View, No 9.	Quarry,	4	2	Extra braces; fusible plug; cut hand-holes above tube sheet,	Complied.
Rockport Granite Co , Bay View, No. 12.	Quarry,	5	4	Provide fusible plug; provide try cocks; remove corrosion,	-
Rockport Granite Co., Bay View, No 11.	Quarry,	-	-	General repairs on shell heads, tubes, braces, etc.,	Not in use.
Rockport Granite Co.,	Polishing mill,	4	1	New pressure gauge; fusible plug; repair setting,	-
Rockport Granite Co , Stone Sloop "A. Baldwin."	Stone sloop,	3	2	Provide fusible plug; remove corrosion,	Complied.
Cape Ann Tool Co.,	Machine shop,	1	1	Raise water column,	Complied.
Rockport Granite Co., No. 7,	Quarry,	-	-	None,	-
Rockport Granite Co , Bay View, No. 1.	Quarry,	4	2	Provide safety plug; cut hand-hole above crown sheet; remove corrosion.	Complied.
Rockport Granite Co., Bay View, No. 2.	Travelling crane,	1	1	Provide fusible plug,	Complied.

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Rockport — Con.					
Rockport Granite Co., Bay View, No. 3.	Machine shop,	4	2	Insert fusible plug; pressure not to exceed seventy-five pounds,	Complied.
Rockport Granite Co, Bay View, No. 4.	Quarry,	1	1	Adjust feed pipe inside boiler,	Complied.
Rockport Granite Co., Bay View, No. 5.	Quarry,	4	3	Fusible plug; remove corrosion; stop leaks around rivets,	Complied.
Rockport Granite Co., Bay View, No. 6.	Quarry,	4	2	Cut hand-holes; renew fusible plug,	Complied.
Rockport Granite Co., Bay View, No. 7.	Quarry,	1	1	Provide fusible plug,	-
Rockport Granite Co, Bay View, No. 8.	Quarry,	2	2	New leg to be attached to this boiler,	Complied.
Rockport Granite Co, No. 2,	Quarry,	3	1	Renew fusible plug; pressure not to exceed eighty pounds,	Complied.
Rockport Granite Co., No. 3,	Quarry,	2	1	Repair setting; adjust feed pipe in boiler,	Complied.
Rockport Granite Co, No. 4,	Quarry,	3	1	Provide fusible plug,	Complied.
Rockport Granite Co., No. 5,	Quarry,	3	2	Repair braces,	Complied.
Rockport Granite Co., No. 6,	Quarry,	2	-	None,	-
Rockport Granite Co., No. 8,	Quarry,	3	1	Attach larger blow-off; renew safety plug,	Complied.
Rockport Granite Co., Sloops "Ida May" and "America" (two boilers).	Stone sloop,	4	-	Renew fusible plug in both boilers,	Complied.
Rockport Granite Co., Folly Wharf,	Hoisting,	6	3	A larger blow-off, try cock and water glass; safety plug must be provided.	Complied.
Rockport Granite Co., at Farms,	Quarry,	3	2	Try cocks must be put in safe condition; renew safety plug; larger blow-off.	-
Rockport Granite Co, at Farms,	Quarry,	4	3	Provide safety plug; remove corrosion; general instructions as to management of boiler.	-
Swampscott.					
E. Gerry Emmons,	Boat building,	20	10	General overhauling to shell heads, tubes and fittings,	Not in use.

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Bassett Bros,	Pumping water,	2	1	Cut hand-holes above tube sheet,	Complied.
Frank O. Ellis (two boilers),	Shoe dressing,	20	12	Condemned,	Complied.
Salem.					
Hugh Clark,	Shoe stock,	2	–	None,	–
Thos. J. Naughton,	Shoe stock,	2	2	Repair setting; larger pipes to water column; repair try cocks,	Complied.
Michael Looney,	Leather manufacturing,	7	2	Cut hand-holes; safety plug,	Complied.
James A. Lord, No. 1,	Shoe stock,	6	2	Protect dry sheet; repair blow-off; remove scale; renew safety plug.	Complied.
James A. Lord,	Shoe stock,	5	2	Safety plug; protect dry sheet; general instructions as to management.	Complied.
J. B. Thomas,	Hotel Taft,	7	4	Attach blow-off to bottom; larger pipes to water column,	Complied.
City of Salem,	Road roller,	2	–	Provide safety plug,	Complied.
Geo. A. Vickery,	Dry goods,	1	–	Insert door to back connection,	Complied.
Geo. A. Vickery,	Post office,	2	1	Put drip in bottom of water column; provide safety plug,	Complied.
C. B. Brainard & Co.,	Morocco manufacturing,	*	†	Condemned,	Complied.
John J. Mack,	Hoisting,	1	1	Provide safety plug; remove deposit,	–
Geo. Newcomb, No. 1,	Shoe manufacturing,	4	1	Renew safety plug,	Complied.
Geo. Newcomb, No. 2,	Shoe manufacturing,	4	2	Fusible plug; repair setting,	Complied.
Saugus.					
Geo. Faulkner,	Shoe manufacturing,	7	5	Protect dry sheet; repair setting on sides; provide safety plug; repair gauge cocks; remove deposit; pop safety valve set at forty pounds.	Not in use.
Wenham.					
W. P. Dodge,	Cider mill,	4	2	Remove corrosion; fusible plug; remove and replace leaky tubes,	Complied.

* Numerous. † Dangerous.

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Report of Inspector Kazar.

District No. 6.

I respectfully submit the annual report of my work for the year closing Oct. 1, 1899. I can only add that great advancement is being made each year in the care and condition of the steam plants in my district.

Applicants for license examination average sixty per month. The first issue of the license certificates is now expiring and bringing extra work for renewals, at the rate of one hundred per month.

My relations with the owners of engines and boilers have been pleasant and in nearly every instance they have acknowledged the value of the inspection law and willingly complied with all orders and suggestions made by the inspector.

Summary of Examinations.

Applicants for licenses examined,	796
Licenses granted,	588
First-class engineers,	31
Second-class engineers,	52
Third-class engineers,	61
Special,	150
Fireman,	271
Portable,	23
Refused,	208
Renewals,	642

Summary of Inspections.

Boilers inspected,	200
Number of defects found,	486
Number of dangerous defects,	166
Number of boilers ordered repaired,	144
Number of boilers condemned,	2

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Boiler Inspection Report.

DISTRICT No. 6.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Sherborn.					
Sherborn Reformatory,	Woman's prison,	13	2	Five boilers; fusible plug; change blow pipe,	Complied.
Jonathan Eames,	Cider mill,	-	-	None,	-
Jonathan Eames,	Pumping water,	4	2	Fusible plug; change blow pipe,	Complied.
J. Holbrook & Sons,	Cider mill,	8	4	Two boilers; change safety valve on each boiler; new fire door jambs; fusible plug.	Complied.
Cochituate.					
Cochituate Grammar,	School,	2	1	Fusible plug; new grate bars,	Complied.
Cochituate Shoe Co.,	Shoe manufacturing,	3	1	New tubes,	Complied.
C. F. Chessman,	Shoe manufacturing,	3	-	None,	-
O. C. Erving,	Shoe manufacturing,	2	1	Repair water leg; gauge cock,	Complied.
Ricker & Lanerine,	Shoe manufacturing,	4	2	Reinforce hand-holes; change blow pipe; fusible plug,	Complied.
Braintree.					
J. F. Sheppard & Sons,	Hoisting coal,	4	1	Fusible plug,	Complied.
J. F. Sheppard & Sons,	Hoisting, portable,	2	1	New feed pipe; clean boiler,	Complied.
J. F. Sheppard & Sons,	Coal yard,	2	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Braintree — Con.					
Standard Oil Co.,	Pumping oil,	-	-	None,	-
George Gardner,	Paper mill,	12	6	Six boilers; six safety plugs; new water glass on each boiler; new main valve on No. 1 boiler; clean boilers.	Complied.
Franklin.					
James F. Rose,	Machine shop,	-	-	None,	-
L. W. Milliken,	Leather supplies,	-	-	None,	-
Crescent House,	Hotel,	-	-	None,	-
Briggs House,	Hotel,	3	2	Check valve; fusible plug; brick work under dry sheet,	Complied.
Newton.					
Nonantum Building,	Stores, offices and apartments.	-	-	None (two boilers),	-
Stevens Building,	Stores, offices and apartments.	1	1	Check valve on main return,	Complied.
Taylor Building,	Stores, offices and apartments.	1	1	Three-inch check valve,	Complied.
Weld Building,	Stores, offices and apartments.	-	-	None,	-
Willard Building,	Stores, offices and apartments.	-	-	None,	-
Stanley Dry Plate Co.,	Manufacturing,	1	1	Enlarge safety valve,	Complied.
Wm. Keller,	Saw mill,	2	2	Enlarge and reinforce hand-holes,	Complied.

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Hopkinton.					
Fred. Day,	Wheelwright shop,	5	3	Change blow-off pipe; three new gauge cocks; water glass,	Complied.
Avon.					
L. G. Littlefield,	Shoe manufacturing,	7	2	Fusible plug; brick on fire line; fire door linings; boiler and feed pipe; three try cocks.	Complied.
J. W. McCarthy,	Cider mill,	4	2	Fusible plug; gauge cocks in order; new inspirator; clean boiler,	Complied.
John F. Foster & Sons,	Shoe manufacturing,	-	-	Condemned,	-
Hanover.					
Town of Hanover,	Town hall,	-	-	None,	-
Ashland.					
Pingree & Brewer,	Shoe manufacturing,	1	1	Repair safety valve,	Complied.
Hyde Park.					
L. J. French,	Stores, offices and hall,	-	-	None (two new boilers),	-
G. F. Estes,	Stores, offices and hall,	3	2	New valve and cock; reset gauge,	Complied.
Town of Hyde Park,	Road roller,	6	2	New plug; repair braces,	Complied.
Town of Hyde Park,	Stone crusher,	-	-	None,	-
Hyde Park Bank building,	Post office, stores and offices,	2	2	Put 2-inch valve on main steam pipe; put in larger safety valve,	Complied.
W. K. Howe,	Casino Hall,	-	-	None,	-
Nilson & Hamblin,	Laundry and apartments,	2	1	New water glass gauge; clean boiler inside,	Complied.
N. Y., N. H. & H. R. R.,	Readville Station,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Dedham.					
Allen Evangelical Society,	Church,	1	1	Repair safety valve,	Complied.
Dedham Savings Bank,	Banks and offices,	-	-	None,	-
Chas. E. Perkins,	Laundry,	4	2	New gauge cocks; new water glass,	Complied.
Memorial Hall,	Hall,	-	-	None,	-
Public Library,	Library,	-	-	None,	-
H. H. McQuillen,	Printing office and stores,	-	-	None,	-
Hingham.					
Hingham Cordage Co.,	Cordage factory,	4	3	Three boilers; put in safety plug; syphon pipe on steam gauge; cut two hand-holes on water leg; new steam gauge.	Complied.
Natick.					
Town of Natick,	Elliott School,	6	3	Two boilers; one 4-inch supply valve; two 2-inch; safety valve, 4-inch; change return pipes.	Complied.
Reid & Co.,	Shoe factory,	5	2	Give full 3-inch opening on safety valve; new brick work under dry sheet; clean boiler inside.	Complied.
Frank H. Hall,	Manufacturing band saws,	2	1	New safety valve; new glass on steam gauge; new blow-off pipe,	Complied.
Framingham.					
State Normal School,	School,	1	-	None (three boilers),	-
C. H. Russell & Sons,	Bottling,	1	1	Fusible plug,	Complied.

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Quincy.					
Savings Bank,	Bank and stores,	-	-	None,	-
A. J. Richards,	Grain, etc,	3	1	Change blow pipe,	Complied.
Durgin & Merrill,	Stores and offices,	1	1	Clean boiler,	Complied.
John Fallon & Sons,	Hoisting stone,	1	-	Three boilers; cut hand-hole,	Complied.
Weymouth.					
A. J. Richards & Son,	Hoisting coal,	4	1	Repair blow pipe; renew tubes,	Complied.
A. J. Richards & Son,	Sawing wood,	4	1	Repair blow pipe,	Complied.
Weymouth High School,	School,	-	-	None (three boilers),	Complied.
Danvers.					
State of Massachusetts,	Danvers Insane Asylum,	12	4	Three boilers; hand-hole on boiler; new braces; new patch,	Complied.
Wollaston.					
A. J. Hunting,	Laundry and stores,	5	2	Repair try cocks; change steam gauge; new fusible plug; new brick work under dry sheet.	Complied.
Victor J. Emery,	Apartments and stores,	-	-	None,	-
Chas. F. Bates,	Soap factory,	8	3	New safety valve; two hand-holes at base of boiler and one above crown sheet; enlarge blow pipe; new fusible plug.	Complied.
Translucent Glass Co.,	Manufacturing glass,	-	-	None,	-
Marlborough.					
Enterprise Co.,	Printing office,	-	-	None (two boilers),	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Walpole.					
Frank A. Fisher,	Wood sawing,	2	-	None,	-
E. D. Brooks & Co.,	Scouring stone,	1	1	New safety valve,	Complied.
Medfield.					
Wm. F. Weiker,	Cider mill,	4	2	Put two hand-holes in water leg and one above crown sheet; repair steam gauge.	Complied.
Medfield Insane Asylum,	Hospital,	4	4	Five boilers; entire new set of tubes in one,	Complied.
Rockville.					
Franklin Paper Mill Co.,	Paper mill,	14	4	Two boilers; fusible plug on each boiler; repair brick work under dry sheet and on side walls.	Complied.
Brockton.					
Gardner Bros.,	Stores and offices,	1	1	Three check valves on main returns,	Complied.
F. B. Washburn & Co.,	Y. M. C. A. and stores,	1	1	Injector on boiler,	Complied.
Chas. Phelan & Co.,	Laundry,	3	1	Reinforce hand-hole; clean boiler,	Complied.
Standard Oil,	Pumping and heating,	10	5	Condemned,	-
High School,	School,	3	1	Repair brick work; water gauge,	Complied.
Huntington School,	School,	4	2	Stop cock on blow pipe,	Complied.
Harvard School,	School,	4	2	Syphon on steam gauge; clean boiler,	Complied.
Perkins School,	School,	4	2	Change combination; lighter weight on safety valve,	Complied.

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Churchill & Alden,	Shoe manufacturing,	7	3	Two boilers; repair brick work under dry sheet; entire new set tubes.	Complied.
J. P. Johnson,	- -	-	-	Three new tubes; new gauge cocks,	Complied.
Brookline.					
Lawrence School,	School,	3	2	Two check valves on main returns; repair try cock,	Complied.
Pierce School,	School,	5	2	Check valve; fusible plug; change blow pipe,	Complied.
High School,	School,	7	2	Four boilers; new valve on each blow-off pipe; change two-inch pipe to connect with drain.	Complied.
Lincoln School,	School,	8	4	Three boilers; fusible plugs; check valve and safety valve,	Complied.
Longwood School,	School,	4	2	Valve on main steam pipe; check valve on main return,	Complied.
John D. Runkle School,	School,	1	-	Two boilers; check valve on return,	Complied.
Edward Devotion School,	School,	2	-	Two boilers; clean boilers,	Complied.
J. Elliot Cabot School,	School,	1	-	Clean boiler,	Complied.
Lowell School,	School,	3	2	Check on main return; clean boiler; seventeen boilers; two inspections each.	Complied.
Hotel Wickfield,	Apartment,	4	1	New fire door linings; new brick work,	Complied.
Hotel Verona,	Apartment,	4	1	Check valve on return; clean boiler,	Complied.
Hotel Willard,	Apartment,	3	-	Repair brick work; outlet on feed pipe,	Complied.
J. W. Shapleigh,	Apartment,	-	-	None,	-
Mary A. White,	Laundry,	3	2	Fusible plug; change blow-off pipe,	Complied.
Waltham.					
City of Waltham,	Fire hose No. 1,	-	-	None,	-
City of Waltham,	Fire hose No. 4,	-	-	None,	-
City of Waltham,	Fire station,	2	2	Syphon on gauge; repair safety valve,	Complied.

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Waltham — Con.					
City of Waltham,	Central fire station,	5	2	New tubes; repair water glass,	Complied.
City of Waltham,	Police station,	4	-	None,	-
City of Waltham,	Almshouse,	-	-	None,	-
City of Waltham,	Offices,	4	2	Valve on main supply; three try cocks on combination,	Complied.
Public Library,	Library,	3	3	Valve on supply; two check valves on return; glass on steam gauge.	Complied.
Plympton School,	School,	-	-	None,	-
Bemis School,	School,	-	-	None,	-
Newhall School,	School,	-	-	None,	-
Banks School,	School,	4	1	New brick work in furnace,	Complied.
Hill School,	School,	4	2	Cast iron plate at front end of boiler; new brick work in furnace,	Complied.
South Grammar School,	School,	-	-	None (two boilers),	-
North Grammar School,	School,	4	1	New brick work in furnace,	Complied.
High School,	School,	4	2	Fusible plug; fire door linings; brick work in furnace,	Complied.
Congregational Society,	Church,	4	2	Two boilers; check valve on each boiler; lighter weights,	Complied.
O. C. Shepherd,	Stores and apartments,	1	1	Change blow pipe; two boilers,	Complied.
D. F. Viles,	Screw factory,	-	-	Fusible plug; new injector; change blow pipe; raise water-glass; new fire door jambs and brick work.	Complied.
C. P. Nutting,	Boat house,	-	-	None,	-

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C. P. Nutting,	Launch "Adalee,"	-	-	None,	-
C. P. Nutting,	Launch "Active,"	-	-	None,	-
Millis.					
Chas. La Croix,	Bottling soda,	6	2	Repair safety valve; new water glass,	Complied.
Geo. C. Thrasher,	Sawing wood,	4	2	New try cock; new tubes; change safety valve,	-
Rockland.					
School Street School,	School,	3	1	Clean scale from inside,	Complied.
C. L. Rice & Co.,	Furniture store,	1	1	New safety valve,	Complied.
Norwood.					
Lyman Smith Sons Co.,	Tannery,	7	-	Four boilers; renew brick work in furnace of each boiler,	Complied.
Guild School,	School,	-	-	None,	-
Everett School,	School,	-	-	None,	-
High School,	School,	-	-	None,	-
Hudson.					
Public Hall and Theatre,	Meetings,	6	2	Put in new set of tubes; new safety valve; new blow pipe; change water feed pipe.	Complied.
Medway.					
W. L. Palmer,	Wood sawing,	5	2	New siphon; stop cock,	Complied.
L. J. Wilder,	Stores,	2	1	Fusible plug,	-
Chas. H. Austin,	Wood sawing,	2	1	Enlarge blow pipe; new valve,	-

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Report of Inspector McNeill.

District No. 7.

I have the honor to submit my report of work done in District No. 7, Berkshire and Franklin counties, during the past year.

The engineers and firemen of this district are progressive, and show improvement; the greater number of class licenses being granted to men who formerly held licenses of a lower grade, and on their second examination were better qualified. In this section the large majority of small steam plants are operated by the owners.

The number of boilers coming under State inspection is increasing continually in the district, especially heating boilers, so many large business blocks, hotels, and other public buildings being built.

The printed "Requirements of boiler inspection department of district police, as to fittings for low-pressure heating boilers," has been of great service, giving definite rules and data to work from, in putting in steam heating systems and in making changes and improvements in old ones.

The examination work has been greatly facilitated and made more practical by the installation of steam apparatus in the examination room at the office here.

I send you a photograph of two $1\frac{1}{4}$-inch nipples six inches long, removed from an internal iron feed-pipe of a horizontal tubular boiler.

The $1\frac{1}{4}$-inch feed-pipe entered the boiler through the top of shell, extended horizontally above the tubes to within four feet of rear head of boiler, branched to each side, and discharged — downward — between shell and outer row of tubes.

The boiler was fed by a single-acting power plunger-pump, running at a slow speed. The power developed by the boiler was light, compared with its rated capacity. The maximum pressure was 100 pounds per square inch.

The extreme ends of these two outlets were almost stopped up with a hard formation of scale, extending in one inch from ends. The diameter of openings remaining was in one $\frac{1}{8}$ inch, in the other two holes each $\frac{3}{32}$ inch in diameter, and merged into one at the surface.

There was a very slight coating of scale on portions of the tubes and the shell of boiler.

The pressure on feed-pipe, between pump and point of discharge, was not known, there being no pressure gauge on the pump.

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The above serves to illustrate the advantage of using *brass* for internal feed pipes, and also the advisability of having a pressure gauge on pump discharge, as an increase of pressure at pump would denote that the area of pipe was reduced at some point. A "water-relief-valve" is also of good service.

Summary of Examinations.

Applicants for license examined,	466
Licenses granted: —	
First-class,	5
Second-class,	16
Third-class,	27
Portable,	17
Firemen,	96
Special,	259
Licenses refused,	46
	466
Renewals,	223
New applications received,	437

Summary of Inspections.

Boilers inspected,	344
Number of defects found,	924
Number of dangerous defects,	340
Number of boilers ordered repaired,	194

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Boiler Inspection Report.

DISTRICT No. 7.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Adams.					
F. E. Baker,	Stores,	-	-	None,	-
August Kirchner,	Saloon,	1	1	Fusible plug,	Complied.
James McGrath,	Hotel,	-	-	None,	-
J. D. Haytree,	Wood yard,	5	1	Fusible plug; cut hand-hole,	Complied.
Herman Nanss,	Sausage factory,	1	1	Fusible plug,	Complied.
Mannesman Cycle Tube Works,	Tube works,	1	1	Renew fusible plug,	Complied.
Mannesman Cycle Tube Works,	Tube works,	2	2	New blow-off pipe; repair setting,	Not in use.
Town of Adams,	Town hall,	7	3	Calk seams; expand tubes; two and one-half inch pop safety valve; new return pipe; stop valve on steam; check valve on return pipe; one and one-quarter inch blow-off cock.	Complied.
Town of Adams,	Poor farm,	5	5	Change damper pipe; larger safety valve; check on feed; stop valve on steam; stop and check valves on return pipes.	Complied.
M. Mansert,	Portable,	6	2	Stay furnace bottom; one and one-half inch pop safety valve; brass plug rear tube sheet.	Not in use.
Alford.					
Leroy Tobey,	Portable,	5	1	Syphon on steam gauge.	Complied.
Becket.					
Wm. F. Bowen,	Saw mill,	1	-	None,	-
M. E. Ballou & Son,	Basket manufacturing,	2	-	None,	-

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Cheshire.					
Jos. C. Haskins,	Saw mill,	4	1	Pop safety valve; new try cock,	Complied.
Town of Cheshire,	Town hall,	3	3	Stop valve on steam; stop and check valves on return pipe; valve to damper.	Complied.
Berkshire Glass Sand Co.,	Sand mill,	1	-	None,	-
Cheshire Glass Manufacturing Co.,	Glass works,	8	2	Change water column; new try cock; stop and check valve on feed.	Complied.
Clarksburg.					
M. Mansert,	Ice house,	5	2	Fusible plug; repair safety valve,	Complied.
Alex. Contrais,	Wood yard,	3	1	Fusible plug; repair try cocks,	Complied.
Chas. E. Kane,	Portable,	2	-	None,	-
Dalton.					
Wm. F. Booth,	Talc mill,	9	3	Repair tube sheet; four new tubes; new fusible plug; repair safety valve and set at fifty pounds.	Complied.
T. Davis,	Blacksmith,	3	1	Larger safety valve,	Complied.
E. J. Jordan & Co,	Machine shop,	3	-	None,	-
W. C. Mandigo,	Laundry,	2	-	Hand-hole over crown sheet,	Complied.
T. W. Ransbothan,	Grist mill,	4	1	Clean steam gauge pipe; refill plug; wash boiler out,	Complied.
P. F. Daly,	Box shop,	2	-	None,	-
R. D. Filkins,	Saw mill,	5	-	None,	-
R. D. Filkins,	Saw mill,	2	1	New pointer on steam gauge,	Complied.
Z. & W. M Crane,	Box shop,	6	2	Larger safety valve; check valve on feed pipe; hand hole over crown sheet.	Complied.
Episcopal Diocese,	Church,	1	1	Larger safety valve,	Complied.
Town of Dalton,	School,	6	4	Two boilers; secure water column valves, open,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Dalton — Con.					
Town of Dalton,	School,	4	4	Two boilers; secure water column valves; open,	Complied.
Congregational Society,	Church,	2	-	None,	-
Town of Dalton,	Town hall,	2	-	None,	-
Parish of Hinsdale,	Church,	1	-	None,	-
Henry F. Shaw,	Store,	3	2	Fusible plug; larger safety valve,	Complied.
Egremont.					
Andrew Dunlap,	Portable,	6	2	Two try cocks; wash boiler out,	Complied.
Great Barrington.					
Robt. Higgins & Son,	Planing mill,	1	-	None,	-
Robt. S. Dobbs,	Laundry,	5	2	Check valve on feed pipe; blow-off valve,	Complied.
Chas. N. Gilbert,	Printing office,	6	3	Rejoint flange union; repair valves on steam and return pipes; larger safety valve.	Complied.
Hinsdale.					
Alpha Gold Mining Co.,	Gold mining,	3	-	None,	-
Lanesborough.					
Harding & Cummings,	Glass works,	4	-	Prepare boiler for hydraulic test,	Complied.

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Harding & Cummings,	Glass works,	5	2	Fusible plug; patch on furnace; new handles on try cocks; hand-hole in shell.	Not in use.
Harding & Cummings,	Glass works,	5	1	Repair furnace sheet; expand tubes; calk seam; cut hand-hole in shell.	Not in use.
Lee.					
W. H. Ferguson,	Cider mill,	3	-	None,	-
D. H. Merrill,	Cider mill,	-	-	None,	-
Albee & Wilson,	Laundry,	2	-	None,	-
First National Bank,	Bank,	1	1	Fusible plug,	Complied.
Town of Lee,	High school,	3	2	Stop valve on steam; check valve on return pipe; calk girth seam.	Complied.
Congregational Society,	Church,	1	1	Larger safety valve,	Complied.
Parish of St. Mary's,	School,	7	4	Stop valve on main steam pipe; check valve on return pipe; larger safety valve; remove one tube to permit internal inspection and cleaning; repair setting over furnace door.	Complied.
W. A. Heaphy,	Marble crusher,	3	2	Straighten safety valve lever; repair furnace sheet; wash boiler out.	Complied.
W. A. Heaphy,	Wood yard,	1	-	None,	-
Lee Marble Co.,	Marble quarry,	7	-	None (four boilers),	-
Central Berkshire Brick Co.,	Brick yard,	-	-	None,	-
S. S. Jones,	Saw mill,	1	1	Fusible plug,	Complied.
Thistle Wire Co.,	Wire works,	2	-	None,	-
Lenox.					
Wm. D. Curtis,	Hotel,	-	-	None (three boilers),	-
Mahanna & Morrison,	Stone crusher,	1	1	Fusible plug,	Complied.
Mahanna & Morrison,	Road roller,	1	-	None,	-
Wm. Mahanna,	Brick yard,	3	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for—	Defects Found		Orders Given.	Compliances.
		Total.	Dangerous.		
Lenox — Con.					
M. J. Roche,	Laundry,	5	2	Fusible plug; clear gauge pipe,	Complied.
J. W. Cooney,	Stone crusher,	4	1	New stay bolt; try cock handles,	Complied.
Mrs. M. Cowhig,	Stone crusher,	6	-	None,	-
New Marlborough.					
James Hickey,	Cider mill,	8	2	Blow-off valve; hand-hole in shell; siphon on steam gauge; expand tubes; new fusible plug.	Complied.
North Adams.					
T. W. Richmond,	Wood yard,	4	-	Expand tubes,	Complied.
Barber Leather Co.,	Leather finishing,	1	-	None,	-
Hodge & Ledam,	Foundry,	4	1	Enlarge safety valve pipe,	Complied.
W. R. Clark & Son,	Carpet cleaning,	5	-	Repair setting; refill plug,	Complied.
R. L. Henry,	Laundry,	3	-	None,	-
A. McDougall,	Machine shop,	5	2	Repair setting; try cock handles; remove safety valve escape pipe; straighten safety valve lever.	Complied.
J. W. Hayden,	Wood yard,	4	-	Expand tubes; try cock handles; straighten safety valve lever,	Complied.
Corneau & Hall,	Hoisting,	-	-	None,	-
J. W. Purcell, Jr.,	Bottling,	1	1	Check on feed,	Complied.
A. W. Hardman,	Printing,	3	-	None,	-
W. H. Turner,	Carriage factory,	2	1	Hand-hole in shell; new steam gauge,	Complied.

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Wm. A. Ballou,	Garbage plant,	9	4	Large safety valve; three try cocks; retube boiler; patch on shell; fusible plug; patches on furnace sheet; new boiler.	Out of use.
J. T. Gould,	Not in use,	4	-	Prepare for hydraulic test,	Complied.
North Adams Brick Co.,	Brick yard,	3	1	Fusible plug,	Complied.
J. T. Gould,	Not in use,	4	-	New fusible plug; set safety valve at fifty pounds,	Complied.
R. E. Schouler,	Woollen mill,	5	2	Stay furnace bottom; set safety valve at forty pounds,	Complied.
C. G. Bartlett,	Stores and apartments,	4	3	Larger safety valve; stop valve on steam; check valve on return pipe; drain valve on water column.	Complied.
E. J. Cary & Co.,	Junk warehouse,	2	-	None,	-
Porter & Hannum,	Hoisting,	-	-	None,	-
H. R. Hamer,	Washing machine factory,	4	-	None,	-
Swift & Bond,	Hotel,	6	-	One new tube; calk girth seams; chip off blisters; repair setting,	Complied.
John B. Walsh,	Marble works,	3	-	None,	-
W. A. Elliot,	Rendering tallow,	3	1	New water glass fittings,	Complied.
City of North Adams,	Road roller,	1	-	None,	-
S. Ruel,	Carriage shop,	2	1	Larger safety valve,	Complied.
F. M. T. A. Society,	Theatre,	4	-	Two boilers; provide openings for internal cleaning,	Complied.
Richard Briggs,	Cider mill,	6	-	Try cock handles; new stud in hand-hole plate; repair setting,	Complied.
Parish Notre Dame de Sacre Cœur,	Church,	6	3	Remove obstruction over safety valve; drain valve on water column; stop valve on steam, check valve on return pipe.	Complied.
Parish Notre Dame de Sacre Cœur,	School,	4	4	Change location of feed pipes; enlarge fusible plugs; two boilers,	Complied.
Wm. F. Corkum,	Foundry,	4	2	Reduce pressure to forty pounds; certificate granted for two months.	Complied. New boiler.
Episcopal Diocese,	Church,	-	-	None,	-
Episcopal Diocese,	Church,	1	1	Fusible plug,	Complied.
Congregational Society,	Church,	5	-	Repair try cocks; one new tube,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
North Adams — Con.					
Baptist Society,	Church,	3	3	Two boilers; fusible plugs; clear safety valve lever,	Complied.
Parish of St. Francis,	Church and school,	10	1	Two boilers; enlarge fusible plugs; repair settings; new return pipe.	Complied.
Methodist Society,	Church,	2	-	New hand-hole plate and strengthening ring,	Complied.
City of North Adams,	Pumping station,	8	2	Refill plug-glass in steam gauge; drain valve on water column; tighten up internal feed pipe; use solvents.	Complied.
Wm. McGilpin & Son,	Laundry,	3	-	Wash boiler out; expand tubes,	Complied.
Michael Flaherty,	Stores,	5	2	Stop valve on steam; check valve on return pipe; repair setting,	Complied.
Wm. Sullivan,	Business block,	-	-	None (two boilers),	-
Y. M. C. Association,	Y. M. C. A.,	2	2	Two boilers; fusible plugs,	Complied.
Joseph Ryan,	Hotel,	6	3	Remove obstruction over safety valve lever; check valve on return pipe; new return pipe; one new tube; wash boiler out.	Complied.
Adams National Bank,	Bank,	1	1	Fusible plug,	Complied.
North Adams Savings Bank,	Bank,	4	2	New return pipe; larger fusible plug; wash boiler out,	Complied.
Dr. A. F. Davenport,	Business block,	-	-	None,	-
Gallup & Houghton,	Business block,	4	3	New return pipe; check valve on return pipe; repair setting,	Complied.
St. Jean Baptiste Society,	Stores and lodges,	-	-	None,	-
Richmond Estate,	Hotel,	11	6	Remove valve between steam gauge and boiler; stop valve on main steam pipe; two and one-half inch safety valve; refill fusible plug; repair setting; calk girth seams; remove one tube; cut hand-holes; two-inch return pipe with one and one-quarter inch blow-off; check valve on return pipe.	Complied.
Whitney Brothers,	Hoisting,	3	1	One and one-quarter inch pop safety valve; repair try cocks,	Complied.

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Martin Estate,	Business block,	2	2	Two boilers; fusible plugs,	Complied.
North Adams Savings Bank,	Bank,	2	-	Calk girth seams,	Complied.
A. B. Hosley,	Paper box shop,	-	-	None,	-
State of Massachusetts,	Normal school,	1	-	None (three boilers),	-
City of North Adams,	Public library,	4	2	Remove dead pipe; raise water column; cleaning door in rear end,	Complied.
City of North Adams,	Public library,	3	1	Cleaning door, rear end; protect dry sheet; raise water column,	Complied.
W. H. Clark & Co.,	Grocery,	2	1	Larger safety valve; cleaning door; brass plug in tube sheet,	Complied.
Hoosac Savings Bank Co.,	Bank block,	2	2	Two boilers; fusible plugs,	Complied.
Hoosac Savings Bank Co.,	Bank block,	4	2	Larger safety valve; change water column connections; drain valve on water column; cleaning door, rear end.	Complied.
Morris Gatslick,	Stores,	5	2	Repair safety valve; raise water column and enlarge connections; cleaning door in setting; brass plug in head; larger blow-off.	Complied.
Kimbell Estate,	Business block,	5	2	Raise water column and enlarge connections; drain valve on water column; brass plug in head; remove obstruction over safety valve; cleaning door in setting.	Complied.
E. C. Stewart,	Machine shop,	3	-	None,	-
Fitchburg Railway Co.,	Station,	4	1	Check valve on return pipe; repair setting,	Complied.
M. M. Walsh & Co.,	Stores,	3	1	Expand tubes; cleaning door in setting; raise water column,	Complied.
Burlingame Estate,	Business block,	3	2	Check valve on return pipe; remove obstruction over safety valve,	Complied.
J. H. Adams,	Business block,	4	2	Raise water column; brass plug in head; raise brick work to clear fusible plug.	Complied.
J. H. Adams,	Business block,	3	1	Raise water column; brass plug in head,	Complied.
J. H. Adams,	Business block,	-	-	New boiler; stop valve on steam; check and stop valves on return pipe; one and one-half-inch pop safety valve; brass plug in head.	Complied.
Methodist Episcopal Society,	Office block,	3	1	Check valve on return pipe; cleaning door in setting,	-
O. C. Gardiner,	Printing,	5	1	Repair water glass and try cocks; syphon on steam gauge; wash boiler out.	Complied.
City of North Adams,	Fire department,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for—	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
North Adams — Con.					
Universalist Society,	Church,	14	10	Two boilers; water column; try cocks; water glass and steam gauge on each boiler; fusible plugs; remake joints; check valve on returns.	Complied.
Mrs. O'Brien,	Schools and apartments,	2	1	Check valve on return pipe,	Complied.
Beer & Dowlin,	Stores and apartments,	2	-	None (two boilers),	-
F. F. Dowlin,	Stores and apartments,	3	1	Raise water column; cleaning door in setting; repair setting,	Complied.
W. H. Speny,	Stores,	2	-	Brass plug in head,	Complied.
G. A. R. Association,	G. A. R. hall,	1	-	None,	-
City of North Adams,	Braytonville school,	2	-	None (two boilers),	-
City of North Adams,	Johnson school,	4	-	None (two boilers),	-
City of North Adams,	Veazie Street school,	3	2	Stop valve on steam pipe; stop and check valves on return pipe,	Complied.
City of North Adams,	Mark Hopkins school,	1	1	Clear out steam gauge pipe,	-
City of North Adams,	Poor farm,	1	-	None,	-
P. J. Boland,	Business block,	3	2	Check valves on return pipes,	Complied.
City of North Adams,	Houghton school,	-	-	None (two boilers),	-
T. Collins,	Stores and apartments,	8	5	Stop valve on steam pipe; stop and check valves on return pipe; new return pipe under boiler; fusible plug; 2-inch safety valve; cleaning door; new gaskets on hand-hole plates; raise water column.	Complied.
Pittsfield.					
F. E. Eckerson & Co,	Not in use,	9	4	Fusible plug; patch furnace sheet; repair tube sheet; two-inch pop valve; water column with fittings; wash boiler out; calk leaky stay bolt; new studs for door frame.	Not in use.

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Geo. E. Halford,	Laundry,	1	1	Found safety valve inoperative,	-
Chas. M. Wright,	Steamer "Columbia,"	4	2	Fusible plug; new nipples to steam drum,	Complied.
W. R. Clark & Son,	Not in use,	11	5	Three inch pop valve; two lugs on each side of boiler; two-inch blow-off from rear of shell; water column with fittings; refill plug; set safety valve at sixty pounds.	Not in use.
Pittsfield Shoe Stock Co,	Shoe stock factory,	2	-	None,	-
Z. R. Wood,	Hotel Dewey,	-	-	None,	-
Society of Shakers,	Not in use,	9	3	Repair safety valve; hand-hole in shell; repair try cocks; one-inch blow-off; wash boiler out; new steam gauge.	Not in use.
Society of Shakers,	Not in use,	6	3	Remove obstruction over safety valve; new set of tubes; wash boiler out.	Not in use.
City of Pittsfield,	Briggs school,	-	-	None (two boilers),	-
City of Pittsfield,	Redfield school,	4	2	Two boilers; check valves on returns; repair setting,	Complied.
City of Pittsfield,	Centre school,	4	2	Check valve on returns; stop valve on steam pipe,	Complied.
City of Pittsfield,	High school,	-	-	None (two boilers),	-
City of Pittsfield,	Fenn Street school,	3	1	Check valve on return; repair setting,	Complied.
City of Pittsfield,	Russell school,	2	2	Two boilers; check valve on returns,	Complied.
City of Pittsfield,	Orchard Street school,	6	2	Remove dead pipe; lower combustion chamber top; new furnace door frame; repair setting; larger blow-off; wash boiler out.	Complied.
City of Pittsfield,	Orchard Street school,	4	1	New furnace door frame; repair setting,	Complied.
Robbins, Gamwell & Co.,	Machine shop,	1	-	None,	-
Robbins, Gamwell & Co.,	Business block,	2	2	Larger safety valve; check valve on returns,	Complied.
City of Pittsfield,	Pontoosuc school,	4	2	Stop valve on steam pipe; check valve on return pipe; repair setting.	Complied.
Congregational Society,	Church,	12	5	New tube sheet, rear end; new set of tubes; repair dry sheet; new connections to water glass; new steam gauge; check valves on returns; repair setting; two-inch pop safety valve; refill fusible plug.	New boiler.
Athenæum Association,	Library building,	4	2	Two boilers, had check valves replaced,	Complied.
Hammond Brothers,	Portable,	2	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Pittsfield — Con.					
Hammond Brothers,	Portable,	-	-	None,	-
Eugene Lynch,	Hotel,	7	4	Two boilers; hand-holes in head sheets; check valves on return pipes; drain valves on water columns.	Complied.
John C. West Estate,	Hotel and business block,	1	1	Larger safety valve,	Complied.
John C. West Estate,	Hotel and business block,	2	1	Larger safety valve,	Complied.
Berkshire County Savings Bank,	Business block,	-	-	None (two boilers),	-
Baptist Society,	Church,	4	4	Two boilers; larger safety valves; check valves on returns,	Complied.
St. Stephen's Parish,	Church,	6	4	Two boilers; larger safety valves; check valves on returns; wash boilers out.	Complied.
A. M. Chapel,	Machine shop,	7	5	Protect dry sheet; larger safety valve; wash boiler out; steam gauge pipe and try cocks stopped up.	Complied.
Alexander & Durkee,	Bicycle repairs,	2	-	None,	-
Geo. W. Burbank,	Hotel,	1	-	None (two boilers),	-
C. W. Wright,	Business block,	2	2	Two boilers; found steam gauge pipes stopped up,	-
Giantz & Cheney,	Planing mill,	5	3	Check valve on return pipe; repair water glass cocks. Found water glass and try cock connections stopped up.	Complied.
Stanley Electric Mfg. Co.,	Electric machinery manufactory.	2	-	None,	-
Stanley Electric Mfg. Co.,	Electric machinery manufactory.	4	4	Two boilers; check valves on returns; change safety valve springs,	Complied.
Boston & Albany R.R.,	Machine shop,	3	1	Found steam gauge pipe stopped up,	-
Boston & Albany R R,	Station,	4	2	Check valves on returns; enlarge pipe to safety valve,	Complied.

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Richmond.					
Richmond Iron Works,	Mining ron,	4	-	None,	-
Richmond Iron Works,	Mining iron,	3	-	None,	-
Richmond Iron Works,	Blast furnace,	-	-	None (two boilers),	-
Richmond Iron Works,	Washing ore,	7	1	Try cock connections stopped,	Complied.
W. L. Nichols,	Saw mill,	4	1	Wash boiler out; use solvents,	Complied.
Sherill Brothers,	Lumber mill,	1	-	None,	-
Savoy.					
D. A. & E. L. Haskins,	Not in use,	14	4	Repair safety valve; maximum allowable pressure fifty-five pounds; notify for hydrostatic test.	Not in use.
A. E. Maynard,	Saw mill,	-	-	None,	-
Walter Barber, Jr.,	Saw mill,	3	-	New stud bottom of furnace,	Complied.
Sheffield.					
Ashley Falls Marble Co.,	Marble quarry,	1	-	None,	-
Barber & Engle,	Portable,	4	2	Fusible plug; repair try cocks; new steam gauge, with siphon,	Complied.
Ashley Falls Marble Co.,	Marble quarry,	-	-	None,	-
E. W. Curtis,	Grist mill,	1	-	None,	-
Roys Brothers,	Bicycle repairs,	-	-	None,	-
Bartholomew Brothers,	Cider mill,	5	1	Fusible plug; new set of tubes; reduce pressure; recommend new boiler.	Not in use.
Louis Judd,	Portable,	3	1	Wash boiler out; new stud in hand-hole plate,	Complied.
N. H. Noteware,	Cider mill,	4	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Stockbridge.					
F. J. Pratt,	Stores,	1	-	None,	-
W. B. Clark,	Post office, etc.,	-	-	None,	-
R. C. Beckwith,	Portable,	4	1	Fusible plug,	-
Town of Stockbridge,	High school,	6	4	Repair setting; new furnace door frame and liners; stop valve on steam pipe; check valve on return pipe; two-inch pop safety valve.	Complied.
West Stockbridge.					
Boston & Albany R.R.,	Pump house,	2	-	None,	-
L. W. Pitcher,	Saw mill,	2	-	None,	-
Truesdall & Fuarey,	Quarry,	1	-	None,	-
West Stockbridge Marble Co.,	Quarry,	2	1	New pointer and siphon on steam gauge,	Complied.
West Stockbridge Marble Co ,	Quarry,	3	1	Fusible plug; siphon; repair try cock,	Complied.
Thos. L. Hayes,	Saw mill,	3	1	Larger fusible plug,	Complied.
Truesdall & Fuarey,	Quarry,	-	-	None,	-
Williamstown.					
W. H. Mason,	Planing mill,	5	-	Repair setting; new stud in hand plate; wash boiler out,	Complied.
Daly Brothers,	Laundry,	5	1	Calk seams; reduce pressure,	Complied.
Jas. P. Vining,	Hotel,	4	2	Larger safety valve; drain valve on water column,	Complied.
Jas. P. Vining,	Hotel,	4	1	Setting repaired,	Complied.

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Fitchburg Railway Co.,	Pump house,	1	-	None,	-
Fitchburg Railway Co.,	Machine shop,	2	-	None,	-
John J. Lewis,	Saw mill,	3	2	New steam gauge; wash boiler out,	Complied.
Fitchburg Railway Co.,	Station,	-	-	None,	-
C. H. Davis,	Wood yard,	6	1	Cut hand-hole in shell; repair setting,	Complied.
Windsor.					
W. M. Coleman & Son,	Saw mill,	1	-	None,	-
A. H. Allen & Co.,	Lumber mill,	-	-	None,	-
Chas. H. Ball,	Lumber mill,	-	-	None,	-
Bernardston.					
Hulbert Cutlery Co.,	Cutlery manufacturing,	4	2	Repair safety valve; siphon; hand-hole in shell,	Complied.
Buckland.					
J. A. Richmond,	Planing mill,	4	1	Larger safety valve; repair water glass fittings,	Complied.
Shelburne Falls Fire District,	Fire engine,	1	-	Put in one new tube,	Complied.
I. O. O. F. Association,	I. O. O. F. building,	2	-	Cleaning door in setting; brass plug in front head,	Complied.
H. Newall,	Stores,	1	-	None,	-
Fitchburg Railway Co.,	Pump house,	2	-	Straighten safety valve lever,	Complied.
C. E. Ward,	Grist mill,	6	1	Clean out connections to try cocks and water glass; repair setting,	Complied.
Charlemont.					
W. B. Cass,	Hoisting,	1	1	Fusible plug,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Charlemont — Con.					
T. M. Totman,	Creamery,	2	-	Drain valve on water column,	Complied.
G. W. Adams,	Saw mill,	8	3	Siphon on steam gauge; wash boiler out; change location of feed pipe; drain valve on water column; change location of fusible plug; new stud in hand-hole plate.	Complied.
Fitchburg Railway Co.,	Pump house,	5	2	Repair try cocks; siphon,	Complied.
L. W. Sears,	Hotel,	5	4	Larger safety valve; raise water column; stop valve on steam, check valve on return pipes; cleaning door in setting.	Complied.
Colrain.					
F. L. Kendrick,	Saw mill,	-	-	None,	-
Conway.					
D. W. Long,	Saw mill,	4	2	Refill plug; calk leaky stay bolt; wash boiler out,	Complied.
Deerfield.					
Fitchburg Railway Co.,	Pump house,	2	-	None,	-
Greenfield.					
Town of Greenfield,	School,	2	1	Blow-off valve; enlarge fusible plug,	Complied.
Town of Greenfield,	Pumping station,	1	-	None,	-
Mrs. D. A. Seaman,	Laundry,	3	3	Reduce pressure; wash boiler out,	Complied.
Warner Manufacturing Co.,	Cutlery manufacturing,	1	1	Fusible plug,	Complied.

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Fitchburg Railway Co.,	Station,	2	1	New stud in hand-hole plate; wash boiler out,	Complied.
Town of Greenfield,	Road roller,	3	-	None,	-
Fitchburg Railway Co.,	Station,	3	1	Clean out steam gauge pipe,	Complied.
Heath.					
Fairbanks & Stetson,	Saw and grist mill,	1	-	None,	-
Fairbanks & Stetson,	Saw and grist mill,	8	4	New set tubes; new steam gauge; water column with fittings; change location of feed; protect dry sheet.	Not in use.
Leyden.					
J. F. Fields,	Saw mill,	-	-	None,	-
Montague.					
N. E. S. C. M. Association,	Electric light station,	-	-	None,	-
N. E. S. C. M. Association,	Electric light station,	6	4	New tube sheet; hand-hole in shell; fusible plug; larger safety valve.	Not in use.
N. E. S. C M Association,	Steamer "Uncle Sam,"	3	1	New set of tubes,	Complied.
N. E. S. C. M. Association,	Steamer "Uncle Sam,"	1	-	None,	-
New Salem.					
Nelson Grey,	Saw mill,	2	-	Siphon on steam gauge,	Complied.
H. Coolidge,	Saw mill,	3	-	Repair leaky tube,	Complied.
Northfield.					
Boston & Maine R.R.,	Pump house,	2	-	Calk leaky rivet,	Complied.
F. W. Williams,	Saw mill,	1	-	None,	-
H. A. Dresser,	Saw mill,	2	1	Repair furnace sheet,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Northfield — Con.					
W. B. Dresser,	Saw mill,	2	-	None,	-
J. E. Dresser,	Saw mill,	1	-	None,	-
E. V. Burns,	Saw mill,	-	-	None,	-
A. A. Park,	Grist mill,	1	-	None,	-
Orange.					
W. H. Kauffman,	Woollen mill,	-	-	None,	-
H. L. Stratton,	Stores,	-	-	None,	-
Stowell & Warrick,	Furniture manufacturing,	1	-	None,	-
Frank Fitts,	Wood yard,	2	-	None,	-
Town of Orange,	Stone crusher,	5	3	Larger safety valve; reduce pressure; enlarge fusible plug; larger injector.	Complied.
Town of Orange,	Road roller,	3	1	Enlarge fusible plug,	Complied.
F. E. Barnes,	Wood yard,	2	1	Straighten safety valve lever,	Complied.
G. A. R. Association,	G. A. R. hall,	2	1	Hand holes in shell; larger safety valve,	Complied.
Town of Orange,	Stone crusher,	4	3	Larger safety valve; reduce pressure; enlarge fusible plug; larger injector.	Complied.
Geo. M. Luce,	Hotel,	1	1	Fusible plug,	Complied.
F. V. Hubbard,	Laundry,	2	1	New blow-off valve,	Complied.
A. P. Putnam,	Hotel,	-	-	None (two boilers),	-

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A. P. Putnam,	Post office and stores,	-	-	None,	-
A. P. Putnam,	Post office and stores,	1	1	Water column, with fittings,	Complied.
Orange National Bank,	Bank,	-	-	None,	-
Town of Orange,	Central school,	4	-	None (two boilers),	-
C. C. Brooks,	Stores,	1	1	Fusible plug,	Complied.
C. A. Hinds,	Stores,	-	-	None,	-
S. D. Munroe & Co.,	Planing mill,	2	1	Remove ends of internal feed pipes,	Complied.
Shelburne.					
C. S. Ward,	Saw mill,	2	-	None,	-
State of Massachusetts,	Road roller,	-	-	None,	-
First National Bank,	Bank,	-	-	None,	-
C. K. Pierce,	Laundry,	1	-	None,	-
E. N. Spinney,	Hotel,	4	2	Two boilers; blow-off valves; drain valves on columns,	Complied.
Warwick.					
C. A. Williams,	Saw mill,	1	-	None,	-
W. L. Hayden,	Saw mill,	4	-	Refill plug; repair try cock,	Complied.
C. A. Williams,	Saw mill,	1	-	None,	-
C. Patenande,	Saw mill,	-	-	None,	-
I. L. & C. F. Whitney,	Saw mill,	1	-	None,	-
G. M. Wheeler,	Box shop,	1	1	Change location of fusible plug,	Complied.
C. Patenande,	Saw mill,	1	1	New spring in safety valve,	Complied.

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Wendell.					
W. H. Bishop,	Saw mill,	1	-	None,	-
C. H. Tenney,	Saw mill,	-	-	None,	-
Whately.					
C. A. Coville,	Saw mill,	-	-	None,	-
Holyoke.					
City of Holyoke,	Fire engine,	14	7	New stay bolts; calk seams; rejoint steam chest; wash boiler out; reduce pressure.	Not in use.
City of Holyoke,	Fire engine,	12	6	Expand tubes; wash boiler out; calk stay bolts; reduce pressure,	Not in use.
Second Baptist Church,	Church,	6	4	Calk girth seam inside and out; new tubes,	Complied.
Northampton.					
A. C. Matthews,	Wood working,	10	5	Reduce pressure; make patch and leaky rivets tight; larger safety valve; calk seams; expand tubes.	New boiler.
Royalston.					
Morgan & Varee,	Saw mill,	2	1	Repair try cocks,	Complied.

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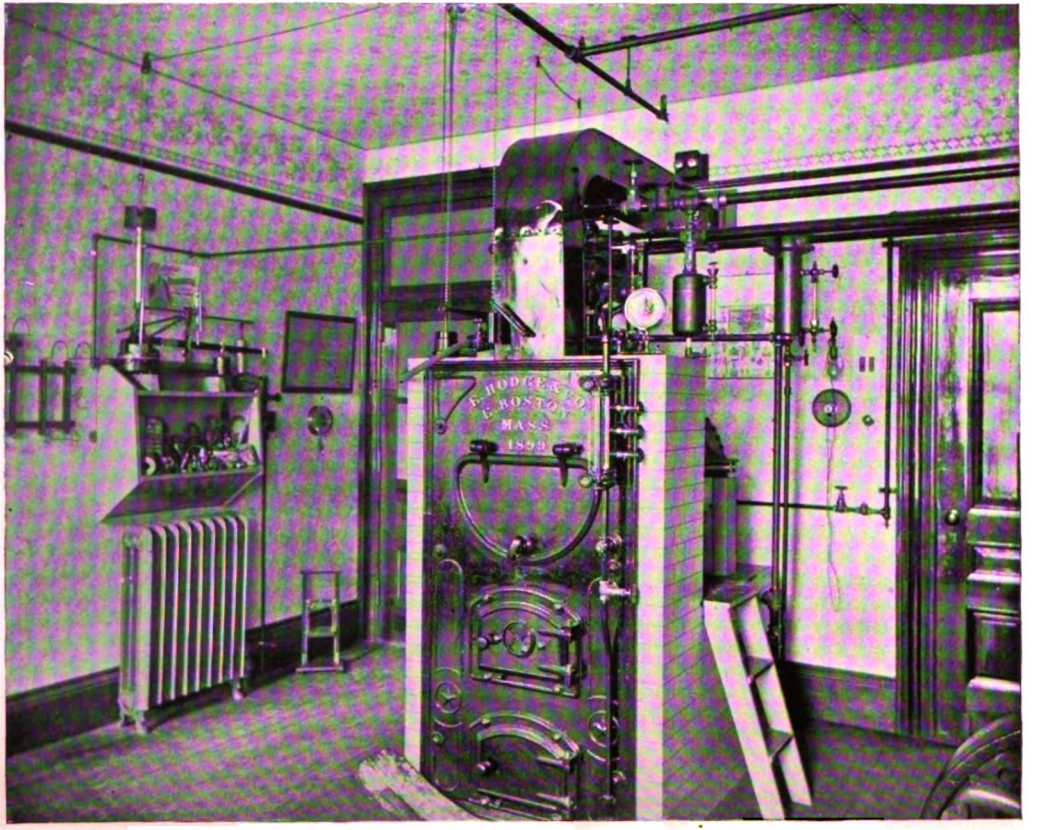

EXAMINATION ROOM FOR ENGINEERS AND FIREMEN AT NORTH ADAMS.

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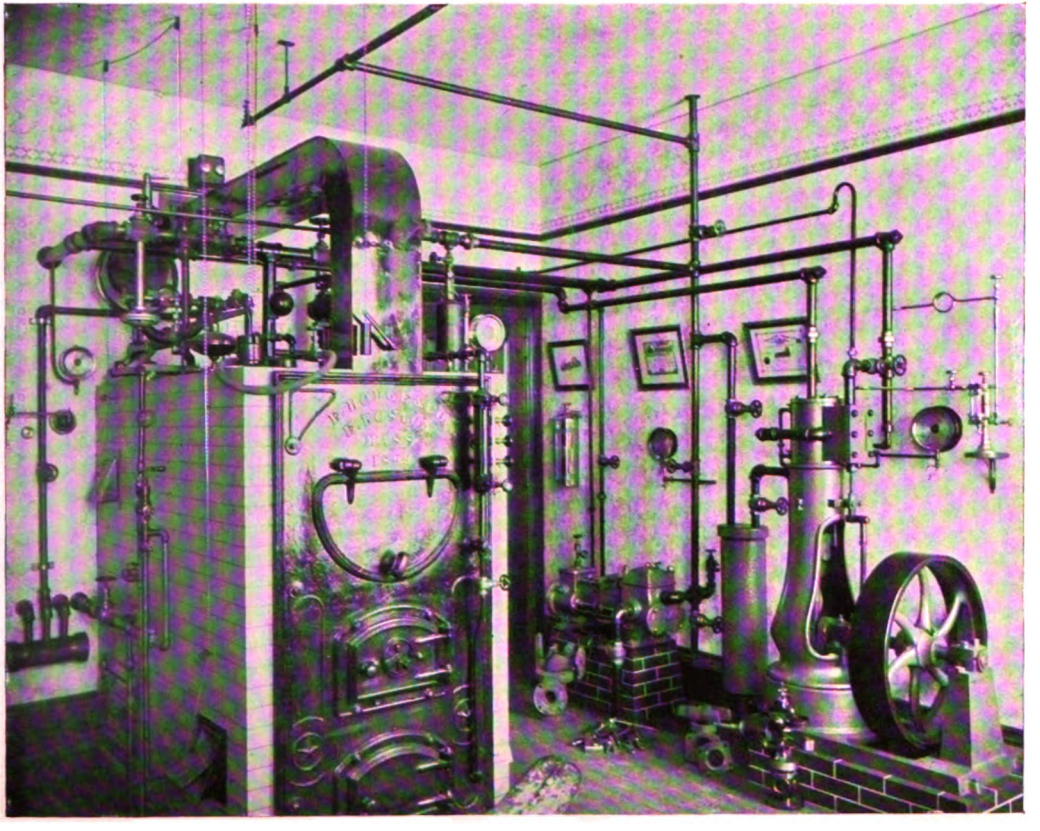

EXAMINATION ROOM FOR ENGINEERS AND FIREMEN AT NORTH ADAMS.

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Examination Room for Engineers and Firemen, at North Adams.

The accompanying engravings show views of the examination room for engineers and firemen at the branch office in North Adams. The arrangement is substantially the same as is also found in the branch offices at Springfield, Worcester and Fall River. The outfit is good for examination in the lower grades, but lacks apparatus for examination of second and first class engineers.

The boiler is set and connections with pump and engine made the same as for a practical modern working steam plant. Inspector McNeill, the examiner at North Adams, describes the plant as follows: —

Applicants are examined on the care and management of steam boilers; the boiler fittings, and where placed; their proper and improper handling; emergency questions; adjusting connecting and piston rods; setting engine and pump valves; break-downs; packing pump pistons and overhauling pump valves; water ends; handling inspirator; adjusting safety valves; tracing connections on system, and having the proper valves open or shut, as required, to get specified results; adjusting damper regulators, condensers, governors and other apparatus, the improper handling of which would in many cases lead to serious results.

The boiler used is of the horizontal return tubular type, 24 inches diameter and 5 feet long, and is set with the right-hand side of setting left open, to show the construction of the boiler; the internal part of setting, with fittings; and also method of placing the rear lugs on rollers, to provide for the expansion and contraction of the boiler.

The boiler is built of $\frac{1}{4}$-inch steel plate, $\frac{5}{16}$-inch heads, and has 26 2-inch tubes. The longitudinal joint is a double-riveted lap joint. The cast-iron "flush front" is fitted with usual doors, the furnace door having cast-iron mouth pieces. A cast-iron cleaning door is placed in side of setting, rear end. The water column is fitted with try cocks, glass water gauge, and drain pipe leading to ash pit. The bottom blow-off from boiler is piped.

A high-pressure steam gauge, with skeleton dial and stop cock, is connected by a drop-leg syphon to steam connection of water column, with drain cock.

A 2-inch ball-and-lever safety valve, and a $1\frac{1}{2}$-inch Ashton pop safety valve, cut in section to show internal construction and operation, are connected direct to the boiler.

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A Locke damper regulator, with cut-off attachment, is connected to a butterfly damper in the uptake.

The boiler is set as being fed by city water direct, by a return trap, by an inspirator, or by a duplex steam pump.

The inspirator is cut in section, to show construction and principle of operation, and piped in the usual manner.

A low-pressure diaphragm damper regulator is set to control a damper in the uptake, a damper to the ash pit and a damper to the combustion chamber, — the first two closing in the order named, the third opening, if the pressure still continued to rise. Both damper regulators are provided with proper shut-off and drain valves.

The pressure on the heating system is limited by a star brass district police safety valve. The system is so arranged that it may be supplied by steam direct from the boiler, by steam from the boiler through a Locke reducing valve, set to reduce from boiler pressure to 12 pounds, or by exhaust steam from the engine and pumps. A low-pressure steam gauge is connected with the system.

When the heating is done by steam passing through the reducing valve, the condensation is to be returned into a receiver placed at lowest point, and connected to a Bundy's return trap placed above the boiler and properly piped.

The exhaust steam from the engine and pumps may be passed through a Cochrane oil separator (cored out on sides to show ribbed baffle plate). The condensation from heating system is then returned to the boiler by a duplex steam pump.

An Ingalls combination brush and scraper, and also a steam blower, are fitted for cleaning the tubes.

The engine is of the vertical inverted, plain slide valve type, and is fitted with drain valves and oil cups.

A Seibert up-drop sight feed lubricator (showing interior of cup) is connected for valve and cylinder lubrication. The engine exhaust has a back-pressure valve and back-pressure gauge.

The exhaust from engine and pump can be discharged direct to atmosphere, through a closed feed-water heater to atmosphere, to the heating system, or through closed feed-water heater to an independent condenser, provision for connecting which is made.

The Deane 4½ inch by 2¾ inch by 4 inch duplex steam pump is piped to discharge direct to boiler, or through the closed feed-water heater and overhead feed pipe to boiler; or, for fire protection, into a sprinkler system, which is provided with Weston's automatic sprinkler heads.

An American underwriter water relief valve (cut in section

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showing construction), set to open at 115 pounds, is placed on the pump discharge. A pressure gauge is also connected to discharge pipe.

Other apparatus used consists of a Waters governor, with automatic closing attachment; vacuum gauge; Dart unions and union flanges; Chapman valves; asbestos-packed plug cock for blow-off; old-style ball-and-lever safety valve; pieces of fractured, corroded and grooved boiler plates; pitted tubes; several kinds of fusible plugs; lift, swing and union checks; bulb and coiled syphons; samples of scale; plugged internal feed pipes; broken safety valve springs; Hoyt try cocks; water-gauge glasses, gaskets and cutters; sheet, ring and coil packing; flat and tubular gaskets; automatic and plain air valves; indicator springs; soft, medium and hard pump valves, new and old; steam piston packing; spring safety valve; and boiler and engine room tools.

Report of Inspector McGrath.

District No. 8.

In compliance with your orders, I herewith transmit, in tabulated form, my annual report, giving number of engineers and firemen examined and boilers inspected.

The license law for boilers seems to be working serenely. I find no difficulty about having orders for repairs and changes complied with. The great majority of owners and users of boilers in my district I find are still ignorant in regard to the boiler inspection law, and consequently fail to notify this department of the location of boilers owned or used by them. The result is that a great deal of my time is used in locating those boilers. The clerical work is also an important factor in the duties of the inspector, as it infringes very largely on the time that would otherwise be used in the inspection of boilers. It is my intention to inspect every boiler in my district once before inspecting any of them a second time, with the exception of those boilers that in my judgment require inspecting annually or semi-annually. The boilers are so numerous in my district that it is impossible for one man to inspect each boiler every year. After getting the district well in hand, I shall be able to follow up the poorer boilers very closely, and inspect the others in their order.

The examination of engineers and firemen I consider to be the most trying part of my duties. There are times in the examination of some applicants when it is very perplexing to the examiner to know just what to do with them; but I make it a rule always to give the applicant the benefit of the doubt. Naturally my sympa-

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thies are with the applicant; but I have my duty to perform, and, however much he may appeal to my sympathetic nature, which I can assure you is done in probably fifty per cent. of the cases, I am bound to do justice to the State and applicant alike. I must decide for or against the applicant on the merits of his examination only. If he passes the examination successfully, he is entitled to his license. If he does not succeed in passing the examination, then there is no other alternative but to reject him. Of course the applicant's experience and recommendations are taken into consideration, and in a great number of cases where he shows a fair amount of intelligence in his line of examination, but not quite up to the standard, I postpone the examination for two or three weeks, in order that the man may have an opportunity to refresh his mind on those duties in which he failed. The line of examination is practical in every sense, and in line with such duties and knowledge as are required of a successful and safe engineer or fireman; and if the applicant fails to get a license it is his fault and misfortune and not the inspector's. There is a class of men that come before me for examination that understand their business so thoroughly that it is a pleasure to examine them, and more of a pleasure to be able to grant them a license, for in their case I can grant it without a scruple. I have another class of men that apply to me for a license that have so little knowledge of the duties required, with little or no experience, but in some cases a glib tongue and some book knowledge, that I really wonder what their conception of the duties of an engineer or fireman can be. Those men go away without a license. Some of them realize how little they know about the business after they get through with the examination, and acknowledge it, while others will go away indignant, and heaping all sorts of abuse on the head of the examiner. My relations with the engineers and firemen of my district are of the most cordial nature. I find them in hearty sympathy with the law. I think I can safely say that the engineers and firemen of Massachusetts have greatly improved in the knowledge of their duties during the existence of the present law. They will continue to improve, for they realize that in order to reach the pinnacle (a first-class engineer's license) they must study, think and work. I find that the opponents of the license law among engineers are those men who have taken an examination and failed, and desire to drag the real engineer and fireman to their level. They have neither the intelligence or ability required to perform the duties of engineer or fireman, yet they think it is an outrage, a great injustice, that they are not given permission to act in that capacity and an opportunity to blow up or destroy the plant.

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Following is a summary of examination of engineers and inspection of boilers: —

Summary of Examinations.

New applications received,	541
Applicants for license examined,	532
Licenses granted: —	
First class,	8
Second class,	12
Third class,	24
Hoisting,	8
Firemen,	49
Low-pressure firemen,	17
Special,	151
Total licenses granted,	269
Licenses refused,	263
Renewals,	602

Summary of Inspections.

Boilers inspected,	388
Defects found,	815
Defects found dangerous,	607
Boilers ordered repaired,	263
Boilers condemned,	1

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Boiler Inspection Report.

DISTRICT No. 8.

NAME.	Building Used for—	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston.					
C. F. Smith,	Wire manufacturing,	-	-	None,	-
Massachusetts Cordage Co.,	Cordage manufacturing,	3	3	New tubes; new blow pipe; stop and drain cocks,	Complied.
Alexander McLaren,	Planing mill,	5	2	Fusible plug; new setting entire,	Complied.
Alexander McLaren,	Planing mill,	6	4	Repair blow pipe; repair dry sheet; fusible plug; repair brick setting entire.	Complied.
J. C. Storey,	Engine room,	3	3	Repair pressure gauge; repair tubes; fusible plug,	Complied.
J. C. Storey,	Engine house,	3	3	Repair pressure gauge; fusible plug; check in feed pipe,	Complied.
A. W. Starret,	Stores and tenements,	2	2	Siphon for pressure gauge; change blow pipe to front of check valve.	Complied.
St. Francis De Sales,	Church,	1	1	Check in returns,	Complied.
St. Francis De Sales,	School,	-	-	None,	-
St. Francis De Sales,	School,	-	-	None,	-
M. Roughan,	Hotel,	-	-	None,	-
M. Roughan,	Hotel,	-	-	None,	-
H. M. Lewis,	Hotel,	3	1	Reinforce hand-hole,	Complied.
F. Shedrick,	Laundry,	1	-	None,	-
J. A. Farwill & Co.,	Printing,	2	1	New fusible plug,	Complied.
Joseph Gahm,	Stores,	2	1	New fusible plug,	Complied.
Joseph Gahm,	Stores,	2	1	New fusible plug,	Complied.

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J. C. Delaney,	Planing mill,	1	1	Repair setting,	Complied.
A. F. Coburn,	Machine shop,	-	-	None,	-
C. M. Belding,	Hotel,	1	1	Raise water column,	Complied.
Frank Hanson,	Hotel,	1	1	Check in returns,	Complied.
Goodwin Prinbock,	Hotel,	1	1	Repair brick setting,	Complied.
The Twitchell-Champlin Co.,	Stores,	-	-	None,	-
Albert Arnold,	Wood and coal,	3	2	Larger safety valve; reinforce hand-hole,	Complied.
H. J. Pefeve,	Hotel,	4	3	Try cocks; fusible plug; drain cock for pressure gauge,	Complied.
Church of Advent,	Church,	2	2	Larger safety valve; check in returns,	Complied.
J. Bertelson,	Machine shop,	4	2	Fusible plug; repair brick setting,	Complied.
Wm. Sexton,	- -	4	3	Larger safety valve; new rivets; new head,	-
Chas. W. York,	Boiler house,	3	2	Larger outlet from safety valve; repair brick setting,	Complied.
R. Minton,	Boiler shop,	3	2	Repair shell; fusible plug,	Complied.
E. J. Kinder,	Stores,	8	6	Larger safety valve; change blow-off; drain cock pressure gauge; raise column; repair brick setting; check in returns.	Complied.
A. Gove & Son,	Wood shed,	4	3	Syphon; fusible plug; new head,	-
A. Gove & Son,	Boiler house,	5	4	Larger safety valve; new handle for try cock; syphon; fusible plug.	-
A. Gove & Son,	- -	4	3	Water glass; fusible plug; new head,	-
R. W. Pratt,	Machine shop,	2	2	New tubes; fusible plug,	Complied.
Hunt Bros.,	Stores,	2	2	Try cocks; stop valve in returns,	Complied.
Stoughton Street Baptist Church,	Church,	1	1	Fusible plug,	Complied.
Geo. H. Woods Co.,	Manufacturing,	3	3	Handles for try cocks; fusible plug; drain cock in column,	Complied.
Edmunds & Hooper,	Pottery,	2	-	None,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Boston — Con.					
H. A. Wright & Son,	Can manufacturing,	2	1	Fusible plug,	Complied.
E. Everett Clark & Co.,	Storage,	2	1	Fusible plug,	Complied.
E. Everett Clark & Co.,	Shed,	2	1	Repair pressure gauge,	Complied.
E. Everett Clark & Co.,	Shed,	1	-	None,	-
I. B. Hamblin & Sons,	Wood and coal,	1	-	None,	-
D. Rinancheth,	Soap manufacturing,	-	-	None,	-
Perkins Machine Co.,	Machine shop,	1	1	Repair pressure gauge,	Complied.
A. D. Hall & Son,	Wood work,	4	2	Repair setting; fusible plug,	Complied.
G. F. Caller,	Leather,	-	-	None,	-
Carson Trench Machine Co.,	Shed,	2	-	None,	-
Horton & Hemenway,	Shed,	1	-	None,	-
Horton & Hemenway,	Shed,	2	1	Fusible plug,	Complied.
Horton & Hemenway,	Shed,	2	-	None,	-
Horton & Hemenway,	Shed,	2	1	Fusible plug,	Complied.
Horton & Hemenway,	Shed,	-	-	None,	-
Horton & Hemenway,	Shed,	-	-	None,	-
Horton & Hemenway,	Shed,	-	-	None,	-
Horton & Hemenway,	Shed,	-	-	None,	-

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J. Roughan,	Engine house,	-	-	None,	-
J. Roughan,	Engine house,	-	-	None,	-
J. Roughan,	Engine house,	-	-	None,	-
J. Roughan,	Engine house,	-	-	None,	-
J. Roughan,	Engine house,	-	-	None,	-
J. Roughan,	Engine house,	-	-	None,	-
J. Roughan,	Engine house,	-	-	None,	-
P. S. Huckins & Co.,	Shed,	2	1	Expand tubes,	Complied.
P. S. Huckins & Co.,	Shed,	2	1	Fusible plug,	Complied.
C. Everett Clark,	Shed,	2	1	Fusible plug,	Complied.
C. Everett Clark,	Shed,	2	1	Fusible plug,	Complied.
C. Everett Clark,	Shed,	1	-	None,	-
C. Everett Clark,	Shed,	3	2	New safety valve; fusible plug,	Complied.
C. Everett Clark,	Shed,	1	-	None,	-
Gookin Bros.,	- -	4	3	Handles for try cocks; repair pressure gauge; fusible plug,	Complied.
J. Roughan,	Engine house,	1	-	None,	-
J. Roughan,	Engine house,	1	-	None,	-
J. Roughan,	Engine house,	2	1	Fusible plug,	Complied.
J. Roughan,	Engine house,	1	-	None,	-
Holbrook, Cabot & Daly,	Out doors,	2	1	Repair pressure gauge,	Complied.
Holbrook, Cabot & Daly,	Out doors,	1	-	None,	-
Holbrook, Cabot & Daly,	Out doors,	1	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Boston — Con.					
Holbrook, Cabot & Daly,	Out doors,	2	1	Handles for try cocks,	Complied.
Holbrook, Cabot & Daly,	Out doors,	1	–	None,	–
Holbrook, Cabot & Daly,	Out doors,	4	3	Handles for try cocks; repair pressure gauge; fusible plug,	Complied.
Holbrook, Cabot & Daly,	Out doors,	2	1	Handles for try cocks,	Complied.
Holbrook, Cabot & Daly,	Out doors,	1	–	None,	–
Holbrook, Cabot & Daly,	Out doors,	2	1	Handles for try cocks,	Complied.
Gookin Bros.,	Out doors,	2	1	New set tubes,	Complied.
Philip Lake,	Out doors,	4	3	Handles for try cocks; hand-hole; fusible plug,	Complied.
Metropolitan Construction Co.,	Shed,	2	1	Fusible plug,	Complied.
Metropolitan Construction Co.,	Shed,	–	–	None,	–
Metropolitan Construction Co.,	Shed,	1	–	None,	–
Metropolitan Construction Co.,	Shed,	3	1	Fusible plug,	Complied.
Metropolitan Construction Co.,	Shed,	3	1	Fusible plug,	Complied.
Metropolitan Construction Co.,	Shed,	3	2	Handles for try cocks; fusible plug,	Complied.
Metropolitan Construction Co.,	Shed,	1	–	None,	–
B. F. Nay,	Shed,	2	1	Fusible plug,	Complied.
B. F. Nay,	Shed,	–	–	None,	–
B. F. Nay,	Shed,	3	1	Repair pressure gauge,	Complied.

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B. F. Nay,	Shed,	3	2	Handles for try cocks; fusible plug,	Complied.
B. F. Nay,	Shed,	2	1	Repair pressure gauge,	Complied.
Robert Tidd,	Shed,	3	2	Repair pressure gauge; fusible plug,	Complied.
Robert Tidd,	Shed,	3	2	Fusible plug; repair pressure gauge,	Complied.
Henry W. Smith,	Shed,	2	1	Patch plate,	Complied.
W. S. Rendel,	Shed,	2	-	None,	-
W. S. Rendel,	Shed,	4	2	Hand-hole; fusible plug,	Complied.
W. S. Rendel,	Shed,	4	3	Handles for try cocks; hand-hole; fusible plug,	Complied.
W. S. Rendel,	Shed,	3	2	Handles for try cocks; fusible plug,	Complied.
John T. Sculley,	Shed,	2	1	Hand-hole,	Complied.
John T. Sculley,	Shed,	2	1	Repair blow-off,	Complied.
John T. Sculley,	Shed,	2	1	New rivets,	Complied.
John T. Sculley,	Shed,	3	2	Try cocks; fusible plug,	Complied.
John T. Sculley,	Shed,	1	-	None,	-
John T. Sculley,	Shed,	3	2	Hand-hole; fusible plug,	Complied.
John T. Sculley,	Shed,	-	-	None,	-
John T. Sculley,	Shed,	-	-	None,	-
Geo. H. Bartlett,	Art school,	1	1	Drain cock; pressure gauge,	Complied.
Samuel F. Hubbard,	N. E. Union,	-	-	None,	-
L. R. Tidd,	Shed,	2	1	Fusible plug,	Complied.
L. R. Tidd,	Shed,	3	2	Try cocks; fusible plug,	Complied.
B. F. Nay,	Shed,	6	5	Larger safety valve; try cocks; repair pressure gauge; new set tubes; fusible plug.	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Boston — Con.					
H. H. Lennell,	Boat manufacturing,	-	-	None,	-
River Street Ice Co.,	Shed,	4	2	Larger safety valve; water glass,	Complied.
Met. Contracting Co.,	Shed,	-	-	None,	-
Met. Contracting Co.,	Shed,	-	-	None,	-
McMurtry & Sons,	Shed,	1	1	Larger safety valve,	Complied.
McMurtry & Sons,	Shed,	1	1	Repair tube sheet,	Complied.
J. T. Scullep,	Out doors,	3	2	Hand-hole; fusible plug,	Complied.
Curtis & Pope,	Storage,	-	-	None,	-
Curtis & Pope,	Lumber,	-	-	None,	-
Gookin Bros.,	Out doors,	4	3	Try cock; new set tubes; fusible plug,	Complied.
Robert Harris Co.,	Carriage manufacturing,	-	-	None,	-
J. H. Trafton & Co.,	Planing mill,	1	1	Condemned,	-
Frank O'Rourke & Sons,	Blacksmith,	3	2	Repair tubes; try cocks,	Complied.
The O. Shelden Co.,	Boat manufacturing,	-	-	None,	-
C. H. Williams,	Out doors,	4	4	Water glass; one try cock; repair pressure gauge; fusible plug,	Complied.
A. K. Richmond & Son,	Derrick manufacturing,	-	-	None,	-
A. K. Richmond & Son,	Derrick manufacturing,	-	-	None,	-
A. K. Richmond & Son,	Derrick manufacturing,	-	-	None,	-

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J. D. Perkins,	Dyeing,	-	-	None,	-
Wm. Rathcliffe,	Knitting,	-	-	None,	-
E. S. Taylor,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; raise water column.	Complied.
M. H. Guilesin,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
John Hartnett,	Apartment,	2	2	Fusible plug; stop valve, main steam pipe,	Complied.
H. S. Frost,	Apartment,	4	4	Try cocks; fusible plug; stop valve, main steam pipe; check in returns.	Complied.
F. Colby,	Apartment,	2	2	Fusible plug; check in returns,	Complied.
W. W. Hubbard,	Apartment,	5	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Jos. W. Homer,	Apartment,	2	2	Larger safety valve; fusible plug,	Complied.
D. C. Brown,	Apartment,	2	2	Stop valve, main steam pipe; larger safety valve,	Complied.
B. H. Smith,	Apartment,	2	2	Larger safety valve; stop valve, main steam pipe,	Complied.
J. S. Waterman & Son,	Stores,	3	3	Rearrange water column; drain cock; pressure gauge; check in returns.	Complied.
Edwin U. Curtis,	Stores and offices,	-	-	None,	-
Murry & Tregurtha,	Boat building,	-	-	None,	-
D. C. Brewer,	Stores and apartments,	2	2	Repair pressure gauge; repair setting,	Complied.
D. C. Brewer,	Hotel,	2	2	Repair pressure gauge and setting,	Complied.
L. J. Fosdick,	Apartment,	1	1	Reduce pressure,	Complied.
Ham & Carter,	Apartment,	3	3	Larger safety valve; try cocks; fusible plug,	Complied.
E. B. Goodsell,	Apartment,	4	3	Larger safety valve; fusible plug; stop valve, main steam pipe,	Complied.
James Atherton,	Apartment,	3	3	Larger safety valve; fusible plug; stop valve, main steam pipe,	Complied.
Peter Graffan,	Apartment,	3	3	Stop valve, main steam pipe; fusible plug; larger safety valve,	Complied.
A. D. Collins,	Stores, apartment,	3	3	Larger safety valve; fusible plug; stop valve, main steam pipe,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
L. F. Rogers,	Apartment,	-	-	Larger safety valve; stop valve, main steam pipe; fusible plug,	Complied.
G. H. Wheeler,	Apartment,	3	3	Larger safety valve; stop valve, main steam pipe; fusible plug,	Complied.
C. L. Melvin,	Apartment,	2	2	Stop valve, main steam pipe; fusible plug,	Complied.
J. D. Hardy,	Apartment,	3	3	Try cocks; drain cock; pressure gauge; fusible plug,	Complied.
W. R. Dyer,	Hotel,	4	3	Larger safety valve; try cocks; drain cock on pressure gauge,	Complied
W. R. Dyer,	Hotel,	4	4	Fusible plug; drain cock for pressure gauge; try cocks; larger safety valve.	Complied.
Chas. F. Reddy,	Hotel,	-	-	None,	-
Arthur P. Almy,	Hotel,	1	1	Fusible plug,	Complied.
John O'Connor,	Apartment,	1	1	Fusible plug,	Complied.
C. W. Leatherbee,	Apartment,	3	3	Larger safety valve; handles for try cocks; fusible plug,	Complied.
C. W. Leatherbee,	Apartment,	2	2	Larger safety valve; fusible plug,	Complied.
H. L. Folsoun,	Apartment,	2	2	Fusible plug; larger safety valve,	Complied.
J. Lewinberg,	Stores, apartment,	3	3	Larger safety valve; repair pressure gauge; fusible plug,	Complied.
J. Lewinberg,	Stores, apartment,	2	2	Fusible plug; larger safety valve,	Complied.
Elizabeth Bretterick,	Stores, apartment,	1	1	Check valve; main returns,	Complied.
H. I. Jackson,	Stores, apartment,	2	2	Larger safety valve; fusible plug,	Complied.
H. I. Jackson,	Stores, apartment,	2	2	Fusible plug; larger safety valve,	Complied.
New England Dredging Co.,	Dredge,	6	4	Repair tubes; patch plate; repair leak on head; repair setting,	Complied.

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New England Dredging Co.,	Dredge,	-	-	Handles for try cocks; repair setting,	Complied.
New England Dredging Co.,	Dredge,	1	1	Repair setting,	Complied.
New England Dredging Co.,	Shed,	6	4	Handles for try cocks; reinforce hand-hole; new set tubes; fusible plug.	Complied.
New England Dredging Co.,	Dredge,	2	2	Fusible plug; handles for try cocks,	Complied.
New England Dredging Co.,	Dredge,	1	1	Expand ends of tubes,	Complied.
New England Dredging Co.,	Dredge,	2	2	Repair girt seam; expand tube ends,	Complied.
New England Dredging Co.,	Dredge,	1	1	Fusible plug,	Complied.
New England Dredging Co.,	Machine shop,	3	2	Fusible plug; expand tube ends,	Complied.
Charles Danziger,	Apartment,	2	2	Larger safety valve; fusible plug,	-
Rothenberg & Frank,	Apartment,	1	1	Larger safety valve,	-
Rothenberg & Frank,	Apartment,	1	1	Larger safety valve,	-
Rothenberg & Frank,	Apartment,	1	1	Larger safety valve,	-
Rothenberg & Frank,	Apartment,	1	1	Larger safety valve,	-
Rothenberg & Frank,	Apartment,	1	1	Larger safety valve,	-
Frank Dunn,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Mary A. Dunn,	Apartment,	4	4	Safety valve; larger fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Mary A. Dunn,	Apartment,	6	5	Stop valve, main steam pipe; larger safety valve; check in returns; stop valve, main steam pipe; water glass.	Complied.
Mary A. Dunn,	Apartment,	4	4	Larger safety valve; fusible plug; stop valve, main steam pipe; check in returns.	Complied.
Mary A. Dunn,	Apartment,	5	5	Larger safety valve; water glass; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Mary A. Dunn,	Apartment,	4	4	Larger safety valve; fusible plug; check in return; stop valve, main steam pipe.	Complied.
C. H. Rollins,	Apartment,	2	2	Larger safety valve; fusible plug,	Complied.
C. H. Rollins,	Apartment,	1	1	Larger safety valve; fusible plug,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
C. H. Rollins,	Apartment,	3	2	Fusible plug; repair leaky joint on boiler,	Complied.
C. H. Rollins,	Apartment,	2	1	Fusible plug,	Complied.
C. H. Rollins,	Apartment,	1	1	Fusible plug,	Complied.
C. H. Rollins,	Apartment,	3	2	Fusible plug; leaky seam on boiler to repair,	Complied.
A. J. Ford,	Stores and apartment,	-	-	None,	-
J. H. Beal,	Stores and apartment,	2	2	Try cocks; fusible plug,	Complied.
Irving A. Clark,	Stores and apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Irving A. Clark,	Stores and apartment,	4	4	Larger safety valve; check in returns; stop valve, main steam pipe; fusible plug.	Complied.
Irving A. Clark,	Stores and apartment,	5	5	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Irving A. Clark,	Stores and apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
E. E. Richards,	Apartment,	2	2	Large safety valve; stop valve, main steam pipe,	Complied.
C. A. Callahan,	Apartment,	4	4	Large safety valve; check in returns; try cocks; stop valve, main steam pipe.	-
C. A. Callahan,	Apartment,	4	4	Large safety valve; check in returns; stop valve, main steam pipe; fusible plug.	-
Mrs. Mary E. Ford,	Apartment,	3	3	Larger safety valve; check in returns; fusible plug,	Complied.
J. W. Woodward,	Apartment,	-	-	None,	-
W. G. Pultz,	Church,	5	3	Larger safety valve; handles for try cocks; fusible plug,	Complied.
B. H. Murry,	Lumber,	3	1	Repair setting,	Complied.
B. H. Murry,	Lumber,	4	2	Handles for try cocks; repair setting,	Complied.

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A. B. Parton,	Extract,	3	2	Siphon for pressure gauge; repair setting,	Complied.
A. B. H. Chapman,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
A. B. H. Chapman,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
A. B. H. Chapman,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
A. B. H. Chapman,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
A. B. H. Chapman,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
A. B. H. Chapman,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
Edwin Cass,	Apartment,	1	1	Larger safety valve,	Complied.
Andrew J. Brown,	Apartment,	-	-	Larger safety valve; fusible plug,	Complied.
L. F. Morse,	Stores and apartment,	4	4	Larger safety valve; check in return; stop valve, main steam pipe; fusible plug.	Complied.
L. F. Morse,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
L. F. Morse,	Apartment,	4	4	Larger safety valve; fusible plug; check in returns; stop valve, main steam pipe.	Complied.
L. F. Morse,	Apartment,	3	3	Larger safety valve; try cocks; fusible plug,	Complied.
Chas. A. Simpson,	Stores and apartment,	5	4	Larger safety valve; repair blow pipe; try cocks; fusible plug,	Complied.
C. L. Hills,	Hotel,	2	2	Try cocks; fusible plug,	Complied.
C. L. Hills,	Hotel,	-	-	None,	-
J. E. Lynch,	Apartment,	-	-	None,	-
C. Brown,	Apartment,	2	2	Larger safety valve; fusible plug,	Complied.
H. S. Lawrence,	Stores, offices and halls,	-	-	None,	-
Edwin D. Bell,	Stores, halls and offices,	-	-	None,	-
Edwin D. Bell,	Stores, halls and offices,	-	-	None,	-
W. C. Blodget,	Stores, halls and offices,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Boston — Con.					
Edwin D. Bell,	Apartment,	1	1	Stop valve, main steam pipe,	Complied.
Edwin D. Bell,	Apartment,	1	1	Stop valve, main steam pipe,	Complied.
Edwin D. Bell,	Apartment,	1	1	Stop valve, main steam pipe,	Complied.
J. K. Byrne,	Apartment,	3	3	Larger safety valve; fusible plug; stop valve, main steam pipe,	Complied.
J. K. Byrne,	Stores and apartment,	2	2	Larger safety valve; fusible plug,	Complied.
Horace Bacon,	Stores and offices,	–	–	None,	–
S. Isaacs,	Stores and offices,	2	–	None,	–
John R. Magullion,	Stores and apartment,	3	3	Larger safety valve; check valve in return; fusible plug,	Complied.
John R. Magullion,	Stores and apartment,	3	3	Fusible plug; check in returns; larger safety valve,	Complied.
O B Cole,	Stores and apartment,	3	3	Larger safety valve; check in returns; stop valve, main steam pipe.	Complied.
O. B. Cole,	Stores and apartment,	3	3	Stop valve, main steam pipe; fusible plug; larger safety valve,	Complied.
Quinn Bros.,	Store house,	5	4	Handles for try cocks; clean leg of boiler; expand tube ends; handles for feed valves.	Complied.
Quinn Bros.,	Store house,	–	–	Fusible plug,	Complied.
Quinn Bros.,	Store house,	3	2	Handles for try cocks; expand tube ends,	Complied.
Chas. L. Hill,	Stores and apartment,	2	–	None,	–
Chas. L. Hill,	Stores and apartment,	2	–	None,	–
Chas. L. Hill,	Stores and apartment,	1	–	None,	–
Chas. L. Hill,	Stores and apartment,	2	–	None,	–

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L. J. O'Toole Estate,	Stores and apartment,	-	-	None,	-
Mary E. Bowen,	Stores and apartment,	3	2	Larger safety valve; stop valve, main steam pipe,	Complied.
L. J. O'Toole Estate,	Apartment,	3	2	Larger safety valve; stop valve, main steam pipe,	Complied.
L. J. O'Toole Estate,	Apartment,	2	2	Larger safety valve; stop valve, main steam pipe,	Complied.
L. J. O'Toole Estate,	Apartment,	2	2	Stop valve, main steam pipe; larger safety valve,	Complied.
L. J. O'Toole Estate,	Apartment,	2	2	Larger safety valve; stop valve, main steam pipe,	Complied.
L. J. O'Toole Estate,	Apartment,	2	2	Stop valve, main steam pipe; larger safety valve,	Complied.
L. J. O'Toole Estate,	Apartment,	2	2	Larger safety valve; stop valve, main steam pipe,	Complied.
Catharine O'Toole,	Apartment,	2	2	Stop valve, main steam pipe; larger safety valve,	Complied.
C. A. French,	Apartment,	4	3	Larger safety valve; no stop valve, main steam pipe; check in return.	Complied.
C. A. French,	Apartment,	4	3	Check in return; stop valve, main steam pipe; larger safety valve,	Complied.
Geo. J. Rist,	Hall,	-	-	None,	-
J. J. McNamara,	Stores and apartment,	1	1	Check in returns,	Complied.
M. M. Cunniff,	Stores and apartment,	4	3	Check in returns; larger safety valve; fusible plug,	Complied.
R. F. Andrews,	Offices, stores,	2	2	Fusible plug; stop valve, main steam pipe,	Complied.
D. H. Jones, Jr.,	Offices, stores,	-	-	None,	-
Frank Glover,	Club room,	-	-	None,	-
Dr. J. P. Paine,	Hotel,	-	-	None,	-
A. M. Lyon,	Apartment,	-	-	None,	-
L. J. O'Toole Estate,	Apartment,	1	1	Fusible plug,	Complied.
L. J. O'Toole Estate,	Apartment,	1	1	Fusible plug,	Complied.
E. J. Lewis,	Apartment,	1	1	Fusible plug,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
Wm. H. Adams,	Stores and apartment,	-	-	Larger safety valve; stop valve, main steam pipe; check in returns,	Complied.
Mrs. Wm. Spencer,	Apartment,	6	6	Check in returns; larger safety valve; try cocks; change pressure gauge to steam space; fusible plug; stop valve, main steam pipe.	Complied.
John L. Behucke,	Apartment,	3	3	Larger safety valve; stop valve, main steam pipe; check in returns.	Complied.
Wm. F. Varnum,	Stores and apartment,	3	2	Check in returns; fusible plug,	Complied.
A. C. Richmond,	Shed,	1	-	None,	-
A. C. Richmond,	Shed,	2	1	Reduced pressure,	Complied.
Philip Prager,	Stores and apartment,	4	4	Larger safety valve; stop valve, main steam pipe; check in returns; fusible plug.	Complied.
Austin Kenon,	Stores and apartment,	-	-	None,	-
J. H. Mullen,	Stores and offices,	1	1	Check in returns,	Complied.
Mrs. M. F. Santry,	Apartment,	1	1	Check in returns,	Complied.
Mrs. M. F. Santry,	Apartment,	-	-	Fusible plug,	Complied.
Mrs. M. F. Santry,	Apartment,	-	-	Fusible plug; larger safety valve,	Complied.
E. Reynolds,	Stores and apartment,	3	2	Larger safety valve; fusible plug,	Complied.
Dr. M. W. Hall,	Stores, offices, apartment,	-	-	None,	-
Dr. M. W. Hall,	Stores, offices, apartment,	-	-	None,	-
C. H. Williams,	Shed,	-	-	None,	-
C. H. Williams,	Out doors,	-	-	None,	-
City of Boston,	School,	5	2	Change blow pipe; repair setting,	-

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City of Boston,	School,	4	3	Larger safety valve; repair stop valve; fusible plug,	-
City of Boston,	School,	4	3	Fusible plug; repair main steam valve; larger safety valve,	-
City of Boston,	School,	4	4	Repair setting; larger safety valve; check in returns,	-
City of Boston,	School,	4	3	Check in returns; larger safety valve; repair setting,	-
City of Boston,	School,	5	2	Larger safety valve; fusible plug,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	5	4	Larger safety valve; change damper supply pipe to steam space; fusible plug; check in returns.	-
City of Boston,	School,	5	4	Check in returns; larger safety valve; change damper supply pipe to steam space; fusible plug.	-
City of Boston,	School,	2	1	Check in returns,	-
City of Boston,	School,	4	3	Check in returns; new blow pipe; repair setting,	-
City of Boston,	School,	4	1	Check in returns,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	2	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	2	1	Fusible plug,	-
City of Boston,	School,	2	1	Fusible plug,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
City of Boston,	School,	1	1	Repair setting,	-
City of Boston,	School,	4	3	Larger safety valve; raise water column; check in returns,	-
City of Boston,	School,	4	3	Check in returns; raise water column; larger safety valve,	-
City of Boston,	School,	3	2	New tubes; connect damper supply to steam space,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	3	3	Larger safety valve; connect damper supply pipe to steam space; check in returns.	-
City of Boston,	School,	2	2	Larger safety valve; check in returns,	-
City of Boston,	School,	1	1	Connect damper supply pipe to steam space,	-
City of Boston,	School,	3	2	Check in returns; fusible plug,	-
City of Boston,	School,	3	2	Fusible plug; check in returns,	-
City of Boston,	School,	5	4	Check in returns; larger safety valve; stop valve, main steam pipe; fusible plug.	-
City of Boston,	School,	3	2	Fusible plug; larger safety valve,	-
City of Boston,	School,	4	4	Larger safety valve; connect damper supply pipe to steam space; check in returns; fusible plug.	-
City of Boston,	School,	-	-	Larger safety valve; connect damper supply pipe to steam space; check in returns; fusible plug.	-
City of Boston,	School,	5	5	Larger safety valve; connect damper supply pipe to steam space; repair pressure gauge; check in returns; fusible plug.	-
City of Boston,	School,	4	4	Larger safety valve; connect damper supply pipe to steam space; check in returns; fusible plug.	-

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City of Boston,	School,	3	3	Fusible plug; connect damper supply to steam space; larger safety valve.	-
City of Boston,	School,	2	2	Repair steam connections to water column; check in returns,	-
City of Boston,	School,	3	1	Check in returns,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	2	1	Fusible plug,	-
City of Boston,	School,	2	1	Fusible plug,	-
City of Boston,	School,	2	1	Fusible plug,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	2	-	None,	-
City of Boston,	School,	3	1	Repair setting,	-
City of Boston,	School,	1	1	Larger safety valve,	-
City of Boston,	School,	3	3	Larger safety valve; fusible plug; check in returns,	-
City of Boston,	School,	3	3	Check in returns; larger safety valve; fusible plug,	-
City of Boston,	School,	4	1	Repair setting,	-
City of Boston,	School,	4	4	Larger safety valve; connect damper supply pipe to steam space; fusible plug; check in returns.	-
City of Boston,	School,	2	2	Check in returns; larger safety valve,	-
City of Boston,	School,	1	-	None,	-
City of Boston,	School,	1	-	None,	-
City of Boston,	School,	4	1	New set tubes,	-

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Boston — Con.					
City of Boston,	School,	4	1	New tubes,	-
City of Boston,	School,	1	-	None,	-
City of Boston,	School,	1	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	-	-	None,	-
City of Boston,	School,	3	1	Check in returns,	-
City of Boston,	School,	2	2	Connect damper supply pipe to steam space; fusible plug,	-
City of Boston,	School,	3	3	Fusible plug; connect damper supply pipe to steam space; stop valve in main steam pipe.	-
City of Boston,	School,	5	5	Larger safety valve; repair pressure gauge connection; connect damper supply pipe to steam space; check in returns; fusible plug.	-
City of Boston,	School,	5	4	Fusible plug; check in returns; larger safety valve; connect damper supply pipe to steam space.	-
City of Boston,	School,	5	4	Larger safety valve; fusible plug; check in return; connect damper supply pipe to steam space.	-
City of Boston,	School,	1	-	None,	-
City of Boston,	School,	2	1	Repair setting,	-
City of Boston,	School,	2	-	None,	-
City of Boston,	School,	3	-	None,	-
City of Boston,	School,	2	-	None	-

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John R. White & Co.,	Out doors,	5	3	Larger safety valve; new set tubes; fusible plug,	Complied.
J. T. Smith & Co.,	Carriage manufacturing,	-	-	None,	-
E. R. Buffington,	Apartment,	5	4	Larger safety valve; raise water column; repair setting; fusible plug.	Complied.
E. R. Buffington,	Stores, hall and apartment,	4	3	Repair setting; check in returns; larger safety valve,	Complied.
Jacob Brodie,	Apartment,	4	4	Larger safety valve; try cocks, stop valve, main steam pipe; check in returns.	Complied.
Jacob Brodie,	Apartment,	4	4	Check in returns; stop valve, main steam pipe; try cocks; larger safety valve.	Complied.
Jacob Brodie,	Apartment,	4	3	Larger safety valve; stop valve, main steam pipe; try cocks,	Complied.
Jacob Brodie,	Apartment,	4	4	Larger safety valve; stop valve, main steam pipe; check in returns; damper supply pipe to connect in steam space.	Complied.
John Brodie,	Apartment,	4	4	Stop valve, main steam pipe; check in returns; connect damper supply pipe to steam space; larger safety valve.	Complied.
John Brodie,	Apartment,	3	3	Larger safety valve; connect damper supply pipe to steam space; stop valve in main steam pipe.	Complied.
All Souls Church,	Church,	3	2	New blow pipe; drain cock in water column,	Complied.
Granular Metal Co,	Foundry,	-	-	None,	-
Geo. L. Wentworth,	Apartment,	1	1	Check in returns,	-
John J. Booker,	Laundry,	2	2	Brick staves for setting; provide means to get at safety plug,	Complied.
Peabody.					
C. J. Larrabee,	Tannery,	2	-	None,	-

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Report of Inspector Everett B. Dyer.

District No. 9.

I have the honor to submit the following report of the work done in my district for the year ending Oct. 15, 1899.

That which has particularly impressed me this year is the improvement in the condition and grade of engineers and firemen. Previous to the enactment of the license law engineers generally gave very little attention to the details of their business, and the boiler room was hardly considered. Now engineers give a large part of their spare time to the study of their profession, and the boiler is acknowledged a vital part of their department. Engines which formerly never had their cylinder heads removed until they removed themselves are not so neglected now, and boilers which formerly were operated for years without being opened are now regularly opened and cleaned. And the engineer makes it a point to look after this personally. Now an engine room can scarcely be found but abounds with books and magazines relating to steam engineering. Formerly these were almost unknown there. Engineers have learned that the day of running by dead reckoning (so to speak) has passed, and he who fails to keep abreast of the times will find himself sitting on the fence watching the procession go by. So that the law has been of the greatest benefit both to the operator and to the employer, to the engineers, in that it has induced them to study, experiment and confer one with another as to the best and most economical method of operating; and to the employer it has given the benefits of the same.

The condition of boilers in this district is greatly improved. Changes and repairs will now be comparatively few, and confined mostly to the ordinary wear and tear, so that by a small expense each year they can be kept in a good condition.

The following is a summary of inspections and examinations: —

Summary.

Number of boilers inspected,	417
Number of defects found,	1,439
Number of dangerous defects,	615
Number of boilers ordered repaired,	314
Number of boilers condemned,	4
Certificates granted,	359
Applications for license received,	654

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Licenses granted: —

First class,	9
Second class,	14
Third class,	34
Special,	127
Fireman's,	69
Hoisting,	11
Fire engine,	4
Total,	268
Licenses refused,	173
Renewals,	460

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Boiler Inspection Report.

DISTRICT No. 9.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Arlington.					
Geo. F. Reade,	Stores and hall,	5	-	None,	-
Arthur Birch,	Machine shop,	1	-	None,	-
Chas. H. Kimball,	Stores and apartments,	1	1	Put in fusible plug,	Complied.
Arlington Gas Co.,	Gas works,	8	3	Fusible plug; larger safety valve; repair try cocks,	Complied.
Chas. Schwarb & Son,	Dry house,	7	4	Repair feed pipe; repair brick work; put in fusible plug; use blow-off daily.	Complied.
Chas. Schwarb & Son,	Dry house,	6	3	Cut door through brick work; repair pressure gauge; put in fusible plug.	Complied.
A. M. Ring,	Sanitarium,	5	3	Repair defective tubes; put in fusible plug; repair brick work,	Complied.
Belmont.					
Parry Bros.,	Machine shop,	6	4	Put in fusible plug; new head; two hand-holes,	Complied.
Parry Bros.,	Engine house,	6	2	Put in fusible plug; put in new tube,	Complied.
Parry Bros.,	Engine house,	4	1	Clean boiler thoroughly,	Complied.
Parry Bros.,	Boiler house,	10	3	Repair two try cocks; put in fusible plug,	Complied.
Parry Bros.,	Boiler house,	7	2	Have check valve put in feed pipe; put in fusible plug,	Complied.
Parry Bros.,	Machine shop,	6	-	None,	-
Parry Bros.,	Boiler house,	3	1	Put in fusible plug,	Complied.

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Cambridge.					
A. J. Conlon,	Tenements,	2	2	Checks put in returns; stop valve in steam pipe,	Complied.
A. J. Conlon,	Tenements,	2	2	Checks put in returns; stop valve put in steam pipe,	Complied.
A. J. Conlon,	Tenements,	2	2	Checks put in returns; stop valve put in steam pipe,	Complied.
A. J. Conlon,	Tenements,	-	-	None,	-
Jas. Mellen,	Stores and offices,	-	-	None,	-
J. H Hubbard,	Apartments,	4	3	Put in fusible plug; change damper connections; have hand hole put in	Complied.
D. J. McCarthy (three boilers),	Apartments,	3	3	Have stop valve put in steam pipe in each,	Complied.
Mrs. W. R. Ellis,	Dormitory,	3	3	Put in larger safety valve; put checks in returns; put in fusible plug.	Complied.
Rev. Wm. Orr,	Church,	1	1	Put on larger safety valve,	Complied.
O. C. Shepard,	Dormitory,	3	2	Fusible plug; larger safety valve,	Complied.
W. H. Ricker,	Apartments,	-	-	None,	-
W. H. Ricker,	Apartments,	3	3	Have fusible plug put in; checks put in returns; put stop valve in steam pipe.	Complied.
Episcopal Theological School,	School,	4	2	Checks in returns; put in fusible plug,	Complied.
W. F. Bradbury,	Apartments,	-	-	None,	-
Porcellion Club,	Club,	2	2	Fusible plug put in; put on larger safety valve,	Complied.
Rev. Wm. Orr,	St. Paul school,	3	3	Put checks in returns; put in larger safety valve; change damper connections.	Complied.
Kennedy's Estate,	Stores,	3	3	Have stop valve put in steam pipe; checks put in returns; put in fusible plug.	-
A. H. Smith,	Market,	1	1	Repair pressure gauge,	Complied.
Wood Memorial Church,	Church,	8	2	Repair brick work; put in fusible plug,	Complied.
Met. Storage Warehouse,	Storage,	-	-	None,	-
J. H. McManus,	Stores and offices,	2	2	New safety valve; put checks in returns,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Cambridge — Con.					
Second Baptist Church,	Church,	3	2	Put in fusible plug; have stop valve put in steam pipe,	Complied.
C. Brigham & Co,	Milk depot,	-	-	None (two boilers),	-
Estate of J. A. Holmes,	Stores and offices,	-	-	None,	-
Sands Brick Yard,	Boiler house,	7	3	Put in fusible plug; raise arch; reduce pressure,	Complied.
Sands Brick Yard,	Boiler house,	6	1	Put in fusible plug,	Complied.
Craigie Hall,	Dormitory,	2	1	Raise water column,	Complied.
Craigie Hall,	Dormitory,	2	1	Raise water column,	Complied.
Craigie Hall,	Dormitory,	1	1	Put in fusible plug,	Complied.
M. F. Tracy,	Wood work,	6	3	Clean boiler thoroughly; have escape pipe extended; put in two new braces.	Complied.
Trinity Church,	Church,	6	3	Have checks put in returns; repair safety valve; set safety at fifteen pounds.	Complied.
Whitney Hall,	Dormitory,	2	1	Put in fusible plug,	Complied.
M. W. Sands,	Boiler house,	7	2	Reduce pressure to sixty pounds; repair brick work,	Complied.
Trinity Hall,	Dormitory,	4	3	Repair brick work; put in fusible plug; put in new safety valve,	Complied.
T. H. Raymond,	Stores and offices,	-	-	None,	-
Lodge 13, I. O. O. F.,	Hall and offices,	4	4	New steam gauge; new fusible plug; checks put in returns; stop valve put in steam pipe.	Complied.
A. P. Morse,	Stores and offices,	1	1	Put in fusible plug,	Complied.
Russell & Co.,	Candy factory,	-	-	None,	-
Estate Mary A. Waight,	Stores and offices,	1	1	Put in fusible plug,	Complied.

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Odd Fellows Hall,	Stores and hall,	5	2	Raise water column; have seams made tight,	Complied.
E. B. James,	Dormitory,	1	-	None,	-
A. W. Lyman,	Tenements,	2	2	Checks put in returns; stop valve put in steam pipe,	Complied.
A. J. Conlon,	Tenements,	2	2	Checks put in returns; stop valve put in steam pipe,	Complied.
Read Estate,	Offices and tenements,	2	2	Put checks in returns; put stop valve in steam pipe,	Complied.
Read Estate,	Offices and tenements,	1	1	Put checks in returns,	Complied.
Browne & Nichols,	School,	-	-	None,	-
Radcliffe College,	School,	-	-	None,	-
Shepard Memorial Church,	Church,	4	4	Put in larger safety valve; put in fusible plug; repair brick work; repair try cocks.	Complied.
J. M. Hilton,	Stores and offices,	1	1	Raise water column,	Complied.
J. M. Hilton,	Dormitory,	2	1	Put checks in returns,	Complied.
Westmorley Court,	Dormitory,	2	1	Put in fusible plug,	Complied.
Westmorley Court,	Dormitory,	2	1	Put in fusible plug,	Complied.
Westmorley Court,	Dormitory,	2	1	Put in fusible plug,	Complied.
Albert Tuttle,	Hospital,	3	3	Put stop valve in steam pipe; checks in returns; put in fusible plug.	Complied.
Fred. P. Fish,	Apartments,	3	3	Larger safety valve; checks in returns; fusible plug,	Complied.
Jos. Lerner,	Apartments,	3	2	Raise water column; put stop valve in steam pipe,	Complied.
Peter Burns,	Dormitory,	4	4	Put in two try cocks; put in fusible plug; put checks in returns; put in larger safety valve.	Complied.
C. D. Whitmore,	Dormitory,	1	1	Put in fusible plug,	Complied.
C. D. Whitmore,	Dormitory,	1	1	Put in new cock to pressure gauge,	Complied.
C. B. Moller,	Store,	3	1	Put in larger safety valve,	Complied.
A. W. Strauss,	Apartments,	1	1	Put in larger safety valve,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Cambridge — Con.					
North Avenue Cong. Church (two boilers).	Church,	4	4	Larger safety valve and fusible plug in each boiler,	Complied.
A. J. Lovell & Co,	Stores and offices,	2	2	Put in two try cocks and fusible plug,	Complied.
O. G. Peterson (two boilers),	Bakery,	-	-	None,	-
Monks & Boyd,	Laundry,	2	-	None,	-
Rev. Wm. Orr,	Convent,	4	3	Put in fusible plug, larger safety valve and checks in returns,	Complied.
Home for the Aged (two boilers),	Home,	2	2	Larger safety valve in each; put in door to clean out combustion chamber.	Complied.
W. H. Seeley,	Machine shop,	4	-	None,	-
Simon Algheiri,	Soup making,	4	2	Put in fusible plug; larger safety valve,	Complied.
John A. McIsaacs,	Wood work,	4	1	Repair brick work,	Complied.
J. P. Soule & Son,	Storehouse,	1	-	None,	-
J. P. Soule & Son,	Storehouse,	2	1	Put in fusible plug,	Complied.
J. P. Soule & Son,	Storehouse,	1	1	Put in fusible plug,	Complied.
J. P. Soule & Son,	Field's shop,	3	1	Make steam gauge correct,	Complied.
Cofran Brick Yard,	Boiler house,	9	2	Raise arch and repair brickwork,	Complied.
J. P. Soule,	Machine shop,	3	1	Repair steam gauge,	Complied.
Porter Estate,	Hotel,	4	3	Put in fusible plug; change steam connections and put stop valve in steam pipe.	Complied.
North Avenue Baptist Association,	Church,	9	4	Put in fusible plug; change pressure gauge; repair brick work and repair leaky seam.	Complied.
North Avenue Baptist Association,	Church,	7	2	Change pressure gauge and put in new tubes,	Complied.

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Lamb & Ritchie,	Pipe works,	2	-	None,	-
Fobes, Hayward Co.,	Candy factory,	3	-	None,	-
University Press Co.,	Press,	1	-	None,	-
University Press Co.,	Press,	1	-	None,	-
A. W. Strauss,	Apartments,	6	3	Fusible plug; new cock in blow-off; repair brick work,	Complied.
City of Cambridge, No. 1,	Old Latin school,	5	3	Replace pitted tubes; repair brick work; larger blow-off pipe,	Complied.
City of Cambridge, No. 2,	Old Latin school,	6	1	Larger blow-off pipe,	Complied.
City of Cambridge,	New Latin school,	3	3	Put checks in returns in each of these three boilers,	Complied.
City of Cambridge, Boiler No. 1,	English high school,	6	3	Lower arch; put in new tubes and repair brick work,	Complied.
City of Cambridge, Boiler No. 2,	English high school,	5	3	New tubes; lower arch; repair brick work,	Complied.
City of Cambridge, Boiler No. 1,	Police station,	3	-	None,	-
City of Cambridge, Boiler No. 2,	Police station,	3	-	None,	-
City of Cambridge, Boiler No. 1,	Police station,	3	-	None,	-
City of Cambridge, Boiler No. 2,	Police station,	3	-	None,	-
City of Cambridge,	Washington school,	6	1	Repair brick work,	Complied.
City of Cambridge, Boiler No. 1,	Peabody school,	-	-	None,	-
City of Cambridge, Boiler No. 2,	Peabody school,	-	-	None,	-
City of Cambridge,	Willard school,	7	1	Repair brick work,	Complied.
City of Cambridge,	Old engine house,	8	1	Put in new tubes,	Complied.
City of Cambridge,	Shepard school,	6	1	Repair brick work,	Complied.
City of Cambridge, Boiler No. 1,	Russell school,	-	-	None,	-
City of Cambridge, Boiler No 2,	Russell school,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Cambridge — Con.					
City of Cambridge, Auxiliary,	Russell school,	-	-	None,	-
Stewart Bros. & Co.,	Carriage factory,	9	5	Repair try cocks; rebuild entire setting,	Complied.
Hugh Stewart & Co.,	Carriage factory,	2	-	None,	-
Newtowne Club,	Club house,	5	1	Larger fusible plug,	Complied.
Epworth M. E. Church,	Church,	4	2	Checks in returns; new fusible plug,	Complied.
Chas. E. Smart,	Wood work,	6	1	New fusible plug,	Complied.
Henry James & Son,	Tallow rendering,	5	2	Raise water column; put in fusible plug,	Complied.
University Press Co.,	Press,	1	-	None,	-
A. W. Strauss,	Apartments,	6	3	Fusible plug; new cock in blow-off; brick work repaired,	Complied.
City of Cambridge,	Old Latin school,	5	3	Larger blow-off pipe; repair brick work; new tubes,	Complied.
City of Cambridge,	Old Latin school,	6	1	Larger blow-off pipe,	Complied.
City of Cambridge,	New Latin school,	1	1	Check valve,	Complied.
City of Cambridge,	New Latin school,	1	1	Check valve,	Complied.
City of Cambridge,	New Latin school,	1	1	Check valve,	Complied.
City of Cambridge,	English high school,	6	3	Repair brick work; new tubes; lower arch,	Complied.
City of Cambridge,	English high school,	5	3	Repair brick work; new tubes; lower arch,	Complied.
City of Cambridge,	Police station No. 2,	3	-	None (two boilers),	-
City of Cambridge,	Police station No. 1,	6	-	None (two boilers),	-

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City of Cambridge,	Washington school,	6	1	Repair brick work,	Complied.
City of Cambridge,	Peabody school,	-	-	None (two boilers),	-
City of Cambridge,	Willard school,	7	1	Repair brick work,	Complied.
City of Cambridge,	Old engine house,	8	1	Put in new tubes,	Complied.
City of Cambridge,	Shepard school,	6	1	Repair brick work,	Complied.
City of Cambridge,	Russell school,	10	-	None (three boilers),	-
City of Cambridge,	Taylor school,	4	1	New tubes,	Complied.
City of Cambridge,	Police station No. 3,	5	2	New pressure gauge; new fusible plug,	Complied.
City of Cambridge,	Gore school,	4	-	None,	-
City of Cambridge,	Ellis school,	4	2	Repair brick work in each of these two boilers,	Complied.
City of Cambridge,	Ellis school,	2	1	Fusible plug,	Complied.
City of Cambridge,	City hall,	8	2	Repair brick work in each,	Complied.
City of Cambridge,	Training school,	5	2	Remove scale; put in fusible plug,	Complied.
City of Cambridge,	Training school,	6	2	Repair brick work; put in fusible plug,	Complied.
City of Cambridge,	Ladder No. 2,	-	-	None,	-
City of Cambridge,	Roberts school,	2	2	Larger safety in each,	Complied.
City of Cambridge,	Roberts school,	2	2	Change damper connections; larger safety valve,	Complied.
City of Cambridge,	Engine No. 6,	2	1	Larger safety valve,	Complied.
City of Cambridge,	Engine No. 2,	3	2	New safety valve; returns to boiler repaired,	Complied.
City of Cambridge,	Engine No. 7,	2	2	Put in two try cocks; larger safety valve,	Complied.
City of Cambridge,	Engine No. 5,	2	1	Put in fusible plug,	Complied.
City of Cambridge,	Engine No. 4,	4	2	Repair pressure gauge; larger safety valve,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found		Orders Given.	Compliances.
		Total.	Dangerous.		
Cambridge — Con.					
City of Cambridge,	Chemical No. 2,	2	2	Repair pressure gauge; larger safety valve,	Complied.
City of Cambridge,	Engine No. 3,	4	2	Repair brick work; put in fusible plug,	Complied.
Thurston & White,	Craigie hall,	2	-	None (two boilers),	-
Thurston & White,	Craigie hall,	2	1	Larger safety valve,	Complied.
St. Peter's Church,	Church,	4	3	New fusible plug; larger safety valve; repair pressure gauge,	-
St. Peter's Catholic Association,	Catholic association,	-	-	None,	-
A. W. Strauss,	Apartments,	2	2	Two boilers; larger safety valve in each,	-
Charlestown.					
Fitchburg Railroad,	Dock,	-	-	None,	-
Fitchburg Railroad,	Boiler house,	-	-	None,	-
J. W. Savage & Son,	Lobster boiling,	5	1	Repair try cocks,	Complied.
Theo. Lentz,	Clock factory,	3	2	Change damper connections and put in fusible plug,	Complied.
Penn. Steel Co.,	Boiler house,	-	-	None,	-
Joseph Gahm,	Apartments,	4	2	Larger safety valve and put in fusible plug,	Complied.
A. T. Nickerson & Co.,	Lobster boiling,	3	-	None,	-
Fitchburg Railroad,	Tower No. 2,	3	2	Repair leaky seams and put in fusible plug,	Complied.
Fitchburg Railroad,	Tower No. 1,	3	1	Put in fusible plug,	Complied.

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Penn. Steel Co.,	Boiler house,	-	-	None,	-
Rev. J. N. Supple,	St. Francis de Sales church,	6	2	Repair steam gauge and put check in returns,	Complied.
Rev. J. N. Supple,	Parochial school,	5	1	Put checks in returns in boiler No. 1,	Complied.
Rev. J. N. Supple,	Parochial school,	6	1	Put checks in returns in boiler No. 2,	Complied.
Fitchburg R.R. Co.,	Round house,	5	1	Repair corroded tubes,	Complied.
Fitchburg R.R. Co.,	Repair shop,	1	-	None,	-
Susan E. Tufts,	Gas meter making,	5	2	Repair brick work; put in fusible plug,	Complied.
999th Artillery Association,	Club house,	9	5	Repair brick work; put in fusible plug; put in new safety valve; change damper connections.	Complied.
Y. M. C. Association,	Y. M. C. A. rooms,	5	1	Repair brick work,	Complied.
A. Lord & Co.,	Tallow rendering,	1	-	None,	-
Whittemore, Woodbury & Co.,	Shoe dressing,	11	6	Remove corrosion from seams; put in fusible plug and new tubes,	Complied.
John J. Alvozin,	Kindling wood,	1	1	Put in fusible plug,	Complied.
P. O'Riordan,	Sloop,	11	4	Put in new tubes, new fusible plug and repair try cocks,	Complied.
M. Roughan,	Store and hall,	2	-	None,	-
Rev. J. N. Supple,	St. Francis de Sales church,	6	2	Put checks in returns; repair steam gauge,	Complied.
Rev. J. N. Supple,	St. Francis de Sales church,	5	1	Put checks in returns,	Complied.
Rev. J. N. Supple,	Convent,	6	1	Put checks in returns,	Complied.
Fitchburg R.R. Co ,	Round house,	5	1	Repair corroded tubes,	Complied.
Fitchburg R.R. Co.,	Repair shop,	1	-	None,	-
Puritan Brewing Co.,	Brewery,	5	3	Remove scale; new fusible plug; repair brick work,	Complied.
Puritan Brewing Co.,	Brewery,	1	1	Repair brick work,	Complied.
City of Boston,	Bunker Hill school,	5	1	Repair brick work,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Charlestown — Con.					
City of Boston,	Bunker Hill school,	5	1	New fusible plug,	-
City of Boston,	Bunker Hill primary school,	3	-	None,	-
City of Boston,	Tweed school,	2	1	Change damper connections,	-
City of Boston,	Tweed school,	2	1	Change damper connections,	-
City of Boston,	Frothingham school,	6	2	Checks in returns; new steam gauge,	-
City of Boston,	Frothingham school,	5	1	Checks in returns,	-
City of Boston,	Kent school,	2	1	Put in new tubes,	-
City of Boston,	High school,	3	2	Repair leak in seam; put in fusible plug,	-
City of Boston,	High school,	2	1	Repair leak in seam; put in fusible plug,	-
City of Boston,	Public library,	3	-	None,	-
City of Boston,	Public library,	2	1	Larger safety valve,	-
City of Boston,	Harvard grammar,	2	-	None (two boilers),	-
City of Boston,	Harvard Hill school,	4	2	Put in fusible plug; larger safety valve,	-
City of Boston,	Polk school,	5	4	Larger safety valve; repair pressure gauge; put in fusible plug; change damper connections.	-
City of Boston,	Warren school,	3	3	Larger safety valve; put in fusible plug; change damper connections.	-
City of Boston,	Warren school,	3	3	Larger safety valve; put in fusible plug; change damper connections.	-
Burbank & Ryder,	Varnish works,	-	-	None,	-

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Chelsea.					
Chelsea Opera House,	Opera house,	5	1	Put in fusible plug,	Complied.
J. & C. W. Gould,	Stores and offices,	3	3	Repair try cock; put in fusible plug; larger safety valve,	Complied.
J. H. Lane & Co.,	Stores and offices,	3	2	Put in fusible plug; put stop valve in steam pipe,	Complied.
John Lawlor,	Soap works,	-	-	None,	-
A. D. Black,	Wood work,	6	2	Put in fusible plug; use inspirator for feed,	Complied.
Winnisimmet Ferry House,	Ferry house,	-	-	None,	-
Winnisimmet Ferry House,	Ferry house,	3	1	Put in one new tube,	Complied.
W. F. Cardy & Son,	Box factory,	7	1	Change inspirator connections,	Complied.
C. C. Rollins,	Store house,	2	-	None,	-
City of Chelsea,	City stables,	6	1	Put in new tubes,	Complied.
Lynn & Boston Railway Co.,	Car station,	2	2	Repair brick work; put checks in returns,	Complied.
C. C. Rollins,	Store house,	3	1	Put in fusible plug,	Complied.
C. C. Rollins,	Store house,	3	2	Put in fusible plug; repair leaky tube,	Complied.
Tide Water Oil Co.,	Whiting factory,	7	1	Put in fusible plug,	Complied.
Leonard & Ellis,	Store house,	-	-	None,	-
Stickney & Tirrell Co.,	Whiting factory,	8	2	Repair brick work; make tubes tight,	Complied.
J. D. Loftus & Co.,	Boiler house,	4	2	New tubes; new fusible plug,	Complied.
C. C. Rollins,	Store house,	2	-	None,	-
J. M. Hubly,	Apartments,	5	3	Larger blow-off cock; larger safety valve; checks in returns,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Everett.					
Bartlett & Hayward,	No building,	6	-	None (two boilers),	-
N. A. Dill,	Bakery,	5	1	Put in fusible plug,	Complied.
New England Gas Works,	Gas house,	-	-	None,	-
Bartlett & Hayward,	No building,	1	1	Put in fusible plug,	Complied.
Bartlett & Hayward,	No building,	1	1	Put in fusible plug,	Complied.
W. H. Ward,	No building,	1	1	Repair try cocks,	Complied.
W. H. Ward,	No building,	6	4	Repair try cocks; put in fusible plug; repair pressure gauge; repair leak in seam.	Complied.
W. H. Ward,	No building,	-	-	None,	-
W. H. Ward,	No building,	-	-	None,	-
W. H. Ward,	No building,	5	3	Repair try cocks; new fusible plug; repair leak in main,	Complied.
W. H. Ward,	No building,	-	-	None,	-
W. H. Ward,	No building,	6	3	Put in new tube; put in fusible plug; repair valve,	Complied.
W. H. Ward,	No building,	5	3	Repair pressure gauge; repair try cocks; put in fusible plug,	Complied.
W. H. Ward,	Boiler house,	4	2	Put in hand-hole; put in fusible plug,	Complied.
W. H. Ward,	Boiler house,	6	2	Repair try cocks; put in fusible plug,	Complied.
W. H. Ward,	No building,	9	2	New tubes; fusible plug,	Complied.
W. H. Ward,	Boiler house,	9	4	Make tubes tight; make patch tight; new fusible plug; repair water glass.	Complied.

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N. F. Carruth Co.,	Boiler house,	9	4	Put in hand-hole; put in new tubes; put in fusible plug; repair try cocks.	Complied.
Mellen & Killam,	Carriage factory,	4	-	None,	-
W. H. Ward,	Boiler house,	5	3	New tubes; new fusible plug; cut hand-hole in shell,	Complied.
W. H. Ward,	No building,	6	2	New safety valve; new fusible plug,	Complied.
City of Everett,	High school,	5	2	New fusible plug; repair pressure gauge,	-
City of Everett,	High school,	4	2	Put in stop valve; larger safety valve,	-
City of Everett,	Nichols school,	2	1	Connect blow-off pipe to sewer,	-
City of Everett,	Webster school,	6	-	None (two boilers),	-
City of Everett,	Webster school,	3	3	Repair pressure gauge; put in two try cocks; change damper connections.	-
City of Everett,	Glendale school,	5	2	Larger safety valve; larger door to back connection,	-
City of Everett,	Glendale school,	5	2	Larger safety valve; larger door to back connection,	-
City of Everett,	Glendale school,	2	2	Repair pressure gauge; change damper connections,	-
City of Everett,	Mt. Washington school,	4	2	Larger safety valve; larger door to back connection,	-
City of Everett,	Mt. Washington school,	4	2	Larger safety valve; larger door to back connection,	-
City of Everett,	Mt. Washington school,	1	1	Put in fusible plug,	-
City of Everett,	Lafayette school,	2	1	Larger boiler to back connection,	-
City of Everett,	Devens school,	3	-	None (three boilers),	-
City of Everett,	Lincoln school,	-	-	None (two boilers),	-
City of Everett,	Winslow school,	7	1	Fusible plug (three boilers),	-
City of Everett,	Warren school,	4	-	None (two boilers),	-
City of Everett,	Centre school,	3	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for—	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Everett — Con.					
City of Everett,	Centre school,	5	2	Repair pressure gauge; new fusible plug,	-
Fowle & McDonald,	Bottling,	4	1	Fusible plug,	Complied.
Malden.					
F. N. Josiyn,	Stores and offices,	2	2	Put in fusible plug; have checks put in returns,	Complied.
A. J. Howard,	Wood work,	6	1	Remove scale,	Complied.
Liberty Lamp Company,	Factory,	-	-	None,	-
Chas. Neider,	Hose factory,	7	2	Repair leak in fire box; put in fusible plug,	Complied.
John J. Holman,	Dye house,	5	1	Have hand-hole cut in,	Complied.
New England Laundry,	Laundry,	-	-	None,	-
Middlesex Laundry,	Laundry,	4	-	None,	-
Chas. Loome,	Out doors,	4	1	Put in fusible plug,	Complied.
Amos L. Prescott,	Spike works,	1	1	Put in fusible plug,	Complied.
Clark & Jewell,	Wood work,	6	2	New tube and fusible plug,	Complied.
Chas. Neidner,	Hose factory,	-	-	None,	-
Middlesex Last Co.,	Last factory,	4	-	None,	-
McKay Shoe Machinery Co.,	Pressed beef,	12	6	New tubes; raise water column; repair brick work; remove scale from tubes, shell and head; wash and clean out boiler	Complied.
Chas. A. Haskins,	No building,	6	2	Repair pressure gauge; put in fusible plug,	Complied.

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Chas. A. Haskins,	No building,	11	4	New fusible plug; new stay bolt; new patch and repair try cock,	Complied.
Church of Sacred Heart,	Church,	6	4	Fusible plug; larger safety valve; repair brick work; checks put in returns.	Complied.
City of Malden,	Linden school,	2	-	None,	-
City of Malden,	Linden school,	4	2	Put in new tubes; change damper connections,	Complied.
City of Malden,	Linden school,	1	1	Repair pressure gauge,	Complied.
City of Malden,	Lincoln school,	4	1	Repair brick work,	Complied.
City of Malden,	Lincoln school,	2	-	None,	-
City of Malden,	Lincoln school,	2	2	Larger safety valve; put checks in returns,	Complied.
City of Malden,	Glenwood school,	3	1	Too dirty to inspect,	Complied.
City of Malden,	Glenwood school,	1	1	New fusible plug,	Complied.
Medford.					
Rev. M. Gilligan,	Church,	2	-	None,	-
City of Medford (two boilers),	Brooks school,	-	-	None,	-
City of Medford,	Library,	-	-	None,	-
City of Medford,	Library,	1	1	Change damper connections,	Complied.
Unitarian Church,	Church,	5	3	Put in two new tubes; put check valve in returns,	Complied.
City of Medford,	Steamer No. 1,	3	3	Have two leaks in uptake repaired; leaky tubes replaced,	-
City of Medford,	High school,	5	3	Bridge wall repaired; fire box front repaired; checks in returns,	Complied.
City of Medford,	High school,	5	3	Bridge wall repaired; fire box front repaired; checks in returns,	Complied.
City of Medford,	Stone crusher,	1	-	None,	-
City of Medford,	Brooks school,	5	-	None (two boilers),	-
City of Medford,	Craddock school,	6	2	Larger blow-off pipe; repair brick work,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Medford — Con.					
City of Medford,	Police station,	2	1	Larger safety valve,	Complied.
City of Medford,	Everett school,	-	-	None,	-
City of Medford,	James school,	1	1	Repair safety valve,	Complied.
City of Medford,	Almshouse,	5	1	Larger door to connections,	Complied.
City of Medford,	Gleason school,	5	2	New blow-off; new valve,	Complied.
City of Medford,	Craddock school,	-	-	None,	-
City of Medford,	Hose No. 3,	-	-	None,	-
City of Medford,	Hillside school,	7	4	Put checks in returns; put in fusible plug; repair pressure gauge; larger safety valve.	Complied.
City of Medford,	Hillside school,	3	3	Put checks in returns; put in fusible plug; larger safety valve,	Complied.
City of Medford,	Tufts school,	2	2	Extend brick work; two boilers,	Complied.
Reading.					
Reading Athletic Association,	Club house,	3	2	Checks in returns; change damper connections,	Complied.
W. C. Fleming,	Laundry,	1	1	Change feed,	Complied.
Masonic Association,	Offices,	7	3	Stop valve put in pipe; checks in returns; change damper connections.	Complied.
Revere.					
State of Massachusetts,	Bath house,	3	-	None,	-

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Somerville.					
Woodbridge Hotel,	Hotel,	1	1	Put checks in returns,	-
Sprague & Hathaway,	Store and offices,	4	2	Repair brick work; put in new tubes,	Complied.
Central Club,	Club house,	4	2	Repair pressure gauge; repair brick work,	Complied.
J. Nobles,	Store and offices,	6	4	Put in fusible plug; repair brick work; change damper connections; clean thoroughly.	Complied.
J. O. Hobbs,	Stores and offices,	8	4	New fusible plug; repair brick work; repair steam gauge; clean out safety.	Complied.
Sprague & Hathaway,	Stores and offices,	4	2	Put in new tubes; repair brick work,	Complied.
Stoneham.					
John Steele,	Stores and hall,	7	5	Use blow-off three times weekly; clean out water glass; change damper connections; connect feed to city pressure.	Complied.
Rev. T. L. Flanagan,	St. Patrick's church,	7	3	Put in fusible plug; repair brick work; new blow-off pipe,	Complied.
F. L. & W. E. Whittier,	Store and offices,	1	1	New safety valve,	Complied.
M. F. Baker,	Shoe factory,	13	5	New tubes; fusible plug and clean thoroughly,	-
Chase Bros.,	Stores and offices,	8	-	None,	-
Daniel Hill,	Stores and offices,	6	4	Make pressure gauge correct; checks put in returns; change damper connections; cut in hand-hole.	-
Albert W. Merrow,	Stores and offices,	7	2	Make door to chamber larger; clean out chamber,	Complied.
J. D. Kimball,	Stores and offices,	5	2	Door to chamber made larger; clean out chamber,	Complied.
McKenna Bros.,	Stores and offices,	4	2	New fusible plug; blow-off pipe changed,	Complied.
M. E. Church,	Church,	5	4	New fusible plug; connect feed pipe to boiler; put stop valve in steam pipe; new safety valve.	Complied.
John Steele & Co.,	Store and hall,	7	5	Use blow-off three times weekly; clean out water glass; change damper connections; connect feed to city pressure.	Complied.
Rev. T. L. Flanagan,	St. Patrick's church,	7	3	Repair brick work; new fusible plug; new blow-off pipe,	Complied.
F. L. & W. E. Whittier,	Stores and offices,	1	1	New safety valve,	Complied.
J. A. Jones,	Odd Fellows' hall,	2	2	Larger safety valve; put in fusible plug,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Wakefield.					
A. D. Oxley,	Wood work,	5	3	Repair steam gauge; new pet cock in glass; repair try cock,	Complied.
Woburn.					
L. W. Thompson,	Stores,	4	3	Put stop valve in steam pipe; checks in returns; fusible plug,	Complied.
Eames & Carter,	Wood sawing,	6	3	Have feed pipe connected to boiler; put in fusible plug; put in new tubes.	Complied.
Pollard & Grothe,	Carriage factory,	4	4	Have leaky sections repaired; put in larger safety valve; put in fusible plug; put checks in returns.	Complied.
Alvah Buckman,	Stores and offices,	4	3	Put checks in returns; put in fusible plug; have try cocks put in,	Complied.
Osborne Gillett,	Store and offices,	3	3	Put in fusible plug; larger safety valve; have leaky tubes replaced,	Complied.
Mechanics Building,	Stores and offices,	1	1	Have try cocks put in water column,	Complied.
First National Bank,	Stores and offices,	8	5	Have water column connections cleaned out; boiler thoroughly cleaned; have checks put in returns; put in fusible plug; repair brick work.	Complied.
First National Bank,	Stores and offices,	2	1	Put in fusible plug,	Complied.
E. F. Jones,	Hotel,	7	4	Have boiler cleaned and washed out; have connections to water column cleaned; put in fusible plug; repair brick work.	Complied.
J. T. Freeman & Co.,	Machine shop,	6	2	Put in new stay bolt and fusible plug,	Complied.
J. H. Carr & Co.,	Leather shop,	7	2	Put in fusible plug; leaky tubes made tight,	Condemned.
F. S. Bassett,	Machine shop,	-	-	None,	-
Colman & Son,	Leather shop,	12	5	Have boiler cleaned of scale and washed out; put in fusible plug; new tubes; larger safety; brick work repaired.	Condemned.
Ellis & Buzwell,	Store house,	4	1	Put in fusible plug,	Complied.
Ellis & Buzwell,	Store house,	3	1	Put in fusible plug,	Complied.

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Ellis & Buzwell,	Store house,	3	1	Put in fusible plug,	Complied.
Ellis & Buzwell,	Store house,	3	1	Put in fusible plug,	Complied.
Ellis & Buzwell,	Store house,	5	2	Put in fusible plug; repair tubes,	Complied.
Ellis & Buzwell,	Store house,	3	1	Put in fusible plug,	Complied.
Geo. W. Copp,	Cider mill,	3	1	Put in fusible plug,	Complied.
Ellis & Buzwell,	Store house,	4	2	Fusible plug; repair safety valve,	Complied.
Ellis & Buzwell,	Store house,	-	-	None,	-
Ellis & Buzwell,	Store house,	5	-	None,	-
Ellis & Buzwell,	Store house,	3	1	Put in fusible plug,	Complied.
Edward Caldwell,	Stores and offices,	5	4	Put in stop valve in steam pipe; checks in returns; fusible plug; two try cocks; put in water column.	Complied.
Jas. Robertson,	Currier shop,	10	4	Insured,	Complied.
E. Rollins,	Shoe stock,	11	4	Fusible plug; repair dry plate; clean out water column; remove scale from tubes.	-
E. F. Jones,	Stores and office,	2	-	None,	-
W. C. Kenney,	Currier shop,	9	4	Repair brick work; repair dry sheet; new fusible plug; put in new tube.	-
Griffin Place,	Heel making,	8	2	Larger safety valve; larger hand-hole,	Complied.
Johnson Bros.,	Stores and hall,	5	2	Checks put in returns; put in fusible plug,	Complied.
Five Cents Savings Bank,	Stores and offices,	10	5	Repair brick work; raise water column; put in fusible plug; clean out combustion chamber; new check piece.	Complied.
J. F. Buell,	Machine shop,	9	4	Remove scale; repair dry plate; repair brick work; apply test to eighty-five pounds.	Condemned.
E. Rollins,	Shoe stock factory,	11	4	New fusible plug; repair dry plate; clean out water column; remove scale from tubes.	-
City of Woburn,	City hall,	4	2	New tubes; checks in returns,	-
City of Woburn,	City hall,	4	3	Pressure gauge repaired; brick work repaired; checks in returns,	-
City of Woburn,	City farm,	-	-	Put in fusible plug,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Woburn — Con.					
City of Woburn,	Armory,	4	2	Fusible plug in each,	Complied.
City of Woburn,	High school,	3	2	Larger safety valve; checks in returns,	Complied.
City of Woburn,	Public library,	1	1	Checks in returns,	Complied.
City of Woburn,	Steamer house,	4	3	Change damper connections; new fusible plug; stop valve in steam pipe.	Complied.
City of Woburn,	Cambridge school,	3	3	Checks in returns; fusible plug; larger safety,	Complied.
Boston.					
Moxie Nerve Food Co.,	Moxie manufacturing,	2	1	Put in two new tubes,	Complied.
E. J. Smith,	Store and lodging house,	1	1	No communication to rear end of boiler; cut door through partition.	Complied.
Framingham.					
Mrs. L. D. Jackson,	Grist mill,	3	1	Raise water column,	Complied.
C J. McPherson,	Stores and offices,	5	2	Put in fusible plug; smaller weight on safety valve,	-
H. C. Kingman,	Wood sawing,	4	1	Put in fusible plug,	Complied.
J. J. Prindeville,	Boiler house,	2	1	New safety valve,	-
L E. Russell,	Laundry,	4	-	None,	-
Hopkinton.					
E. L. Bridges,	Stores and offices,	4	-	None,	-

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A. G. Brewer,	Machine shop,	3	2	Put in fusible plug; repair brick work,	Complied.
Hopkinton National Bank,	Bank,	3	3	Put stop valve in steam pipe; put checks in returns; have new section put in.	Complied.
James McManus,	Hotel,	4	3	Put stop valve in steam pipe; put checks in returns; put in fusible plug.	Complied.
Hingham.					
Town of Hingham,	High school,	4	4	Put in fusible plug; connect feed pipe to boiler; put stop valve in steam pipe; put checks in returns.	Complied.
Town of Hingham,	Centre school (two boilers),	7	4	Checks in returns in each; brick work repaired in each; fusible plug in number one.	Complied.
Town of Hingham,	West school (two boilers),	6	4	Put in fusible plug in each; repair brick work in each; checks in returns in each.	Complied.
Hudson.					
Hudson Savings Bank,	Bank,	-	-	None (two boilers),	Complied.
Lincoln.					
Town of Lincoln,	Water works,	7	3	Have new tubes put in; have brick work repaired; have feed pipe changed.	Complied.
Marlborough.					
Marlborough Gas Co.,	Gas works,	9	4	Have leaky tubes made tight; put in fusible plug; have brick work repaired; clean boiler thoroughly.	Complied.
St. Anne's Academy,	School,	4	4	Repair brick work; fusible plug in each boiler,	-
R. S. Lamson,	Ice house,	2	-	None,	-
N. G. Tripp,	Wood work,	6	3	Put in fusible plug; repair brick work; reduce pressure to forty-five pounds.	Complied.
Newton.					
Baptist Society,	Church,	6	-	None (two boilers),	-

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Quincy.					
Johnson & Anderson,	Boiler house,	4	1	Put in fusible plug,	Complied.
John Fallon & Son,	Boiler house,	9	4	Put in fusible plug in two boilers; fire box front repaired in two boilers	Complied.
Randolph.					
M. A. Donovan,	Box factory,	5	1	Put in fusible plug,	Complied.
Waltham.					
J. L. Harvey,	Asbury Temple,	2	1	Repair brick work,	Complied.
Waltham Savings Bank,	Bank,	2	1	Repair brick work,	Complied.
H. L. Harvey,	Stores and offices,	2	2	Put in fusible plug; change damper connections,	Complied.
W. H. Osgood,	Laundry,	4	-	None,	-
Weymouth.					
Town of Weymouth,	Road roller,	4	2	Put in new tube; repair try cock,	Complied.
Town of Weymouth,	Almshouse,	2	1	Put in fusible plug,	Complied.
Humphrey Bros.,	Store,	3	3	Repair water glass; repair try cock; put in fusible plug,	Complied.
Winthrop.					
St. John's Episcopal Society,	Church,	5	4	Put in fusible plug; put stop valve in steam pipe; put checks in returns; have shell patched.	-

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Report of Inspector Baxter.

District No. 10.

I herewith submit my second annual report of the work performed during the year ending Oct. 15, 1899. Of the boilers inspected this year, the greater number were inspected last year by another inspector, and therefore did not necessitate the sending of orders this year. The boilers generally are in fair condition, and have the necessary fittings. The engineers are taking a greater interest in the license law and examinations, and there is a marked difference, as regards a knowledge of their business, between engineers of this State and those of neighboring States without the license law.

I have had a great number of complaints of alleged violation of the law, but in most cases the subjects of complaint were not substantiated by the investigations. While it is possible that there may have been a few unintentional violations, the offending parties were always ready and willing to make amends, and to comply with the law when the latter was clearly understood.

Summary of Examinations.

Number of applicants for license examined,	366
Number of licenses granted,	269
Number of licenses refused,	97
Number of first-class engineers' licenses granted,	5
Number of second-class engineers' licenses granted,	10
Number of third-class engineers' licenses granted,	24
Number of hoisting licenses granted,	5
Number of special engineers' licenses granted,	124
Number of first-class firemen's licenses granted,	40
Number of special firemen's licenses granted,	53
Number of low-pressure firemen's licenses granted,	8
Number of renewals of licenses,	251

Summary of Inspections.

Number of boilers inspected,	229
Number of defects found,	169
Number of dangerous defects found,	92
Number of boilers ordered repaired,	91
Number of boilers condemned,	1

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Boiler Inspection Report.

DISTRICT No. 10.

NAME.	Building Used for—	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Andover.					
Town of North Andover,	Stone crusher,	-	-	None,	-
Athol.					
W. W. Ashford,	Wood shed,	-	-	None,	-
J. M. Drew,	Wood shed,	3	3	Boiler to be washed with soda; renew handles on gauge cocks; larger pipe on safety valve outlet.	Complied.
J. Rivers,	Wood working shop,	-	-	None,	-
C. Richardson & Son,	Machine shop,	-	-	None,	-
C. M. Lee's Sons,	Shoe shop,	-	-	None,	-
C. M. Lee's Sons,	Shoe shop,	1	1	Repair setting,	Complied.
Chas. Richardson & Son,	Stores and hall,	4	4	Put on check valve; drip to water column; larger safety valve and renew fusible plug.	Complied.
Elisha Webb,	Stores and apartments,	2	1	Repair drip to water column; put valve on pipe to damper regulator.	Complied.
Town of Athol,	Fire engine house,	-	-	None,	-
Town of Athol,	Fire engine house,	2	-	Repair flues and calk seams,	Complied.
Fitchburg R.R. Co.,	Passenger station,	1	1	Put on larger safety valve,	-
Town of Athol,	Fire engine house,	1	-	Repair drip to water column,	Complied.
Town of Athol,	Fire engine house,	-	-	None,	-
Athol Water Co.,	Engine house,	1	1	Put on larger safety valve,	Complied.

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Pequoig House,	Hotel,	2	1	Put on larger safety valve; put on larger valve on drip to water column.	-
Pequoig House,	Hotel,	2	1	Put on check valve on returns; put on larger drip to water column,	-
Pequoig House,	Hotel,	2	1	Put on larger safety valve; put on larger drip to water column,	-
Lucien Lord,	Academy of Music,	3	2	Put on larger safety valve; put on larger drip to water column; put in fusible plug.	-
Lucien Lord,	Academy of Music,	3	2	Put in fusible plug; put on larger safety valve; put on larger drip to water column.	-
Ashburnham.					
J. T. Withington,	Smith shop,	-	-	None,	-
Fitchburg R.R.,	Tank house,	-	-	None,	-
J. H. David,	Engine house,	-	-	None,	-
W. F. Whitney & Co.,	Chair factory,	1	-	Repair setting,	Complied.
W. F. Whitney & Co.,	Chair factory,	-	-	None,	-
W. F. Whitney & Co.,	Chair factory,	-	-	None,	-
Town of Ashburnham,	Fire engine house,	-	-	None,	-
W. B. Pierce,	Wood working,	-	-	None,	-
J. M. Pratt,	Basket shop,	-	-	None,	-
Ayer.					
Ayer W. W. Co.,	Pumping station,	1	-	Larger drip to water column,	Complied.
Fitchburg R.R. Co.,	Passenger station,	-	-	None,	-
E. Q. McCollister,	Cabinet making,	-	-	None,	-
Geo. J. Burns,	Manufactory,	-	-	None,	-
Fitchburg R.R. Co ,	Pump house,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Ayer — Con.					
W. F. Sargent,	Electric light plant,	-	-	None,	-
W. F. Sargent,	Blank books,	1	1	Put in larger safety valve,	-
W. T. Piper,	Vinegar factory,	1	-	Repair leak at blow-off pipe,	Complied.
G. J. Burns,	Manufactory,	1	-	Enlarge drip to water column,	Complied.
Acton.					
Fitchburg R.R. Co.,	Pump house,	-	-	None,	-
F. R. Knowlton,	Manufactory,	-	-	None,	-
A. E. Laurence,	Manufactory,	-	-	None,	-
Hall Bros.,	Pail factory,	-	-	None,	-
Beverly.					
Perry & Wood,	Shoe shop,	1	-	None,	-
J. Fairfield,	Coal wharf,	-	-	None,	-
J. Fairfield,	Coal wharf,	-	-	None,	-
Dracut.					
Town of Dracut,	School,	-	-	None,	-

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Fitchburg.					
F. A. McAuliffe,	Engine house,	1	1	Renew fusible plug,	Complied.
F. A. McAuliffe,	No building,	1	1	Renew fusible plug,	Complied.
F. A. McAuliffe,	Storage shed,	2	1	Renew fusible plug,	Complied.
J. Shea,	Engine house,	1	1	Renew fusible plug,	Complied.
J. Shea,	Engine house,	-	-	None,	-
J. Shea,	Engine house,	-	-	None,	-
J. Shea,	Engine house,	1	1	Renew fusible plug,	Complied.
Fred. L. Kuhn,	Machine shop,	1	1	Renew fusible plug,	-
P. A. Nourse,	Carpet cleaning,	2	2	Renew tubes; repair others,	Complied.
Wachusett Machine Co.,	Machine shop and tenants,	-	-	None,	-
W. F. Harding,	Wood shed,	1	1	Renew fusible plug,	Complied.
J. Stewart,	Laundry,	-	-	None,	-
Fitchburg R. R.,	Repair shop,	-	-	None,	-
Fitchburg R. R.,	Pump house,	2	-	Flues to be made tight,	Complied.
Fitchburg R. R.,	Union station,	-	-	Handles on try cocks,	-
Fitchburg R. R.,	Engine house,	-	-	Water pressure to 140 pounds,	-
Worcester County,	County jail,	-	-	None,	-
Fitchburg R. R.,	Sand house,	-	-	None,	-
Worcester County,	Court house,	-	-	None,	-
Fitchburg A. A.,	Athletic club,	-	-	None,	-
Commonwealth of Massachusetts,	Armory,	1	1	Raise water column,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Fitchburg — Con.					
First M. E. Church,	Church,	2	2	Repair setting; raise water column,	Complied.
State of Massachusetts,	School,	-	-	None,	-
State of Massachusetts,	School,	-	-	None,	-
Worcester County,	County jail,	-	-	None,	-
Wachusett Machine Co.,	No building,	-	-	Boiler not set up,	-
F. E. Farwell,	No building,	-	-	Boiler not set up,	-
F. E. Farwell,	No building,	-	-	Boiler not set up,	-
Fitchburg R. R.,	Repair shop,	-	-	None,	-
Fitchburg R. R.,	Repair shop,	-	-	None,	-
Gloucester.					
City of Gloucester Poor Farm,	Engine house,	-	-	None,	-
C. H. Parkhurst,	Marine R.R.,	3	3	Remove dome; put on patch; renew blow-off pipe,	Complied.
George Rowe,	Wood working shop,	1	1	Renew fusible plug,	Complied.
Gardner.					
C. B. Kendall,	Wood shed,	-	-	None,	-
M M. Favor,	Plumbing,	-	-	None,	-

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G. Leamey,	Wood shed,	-	-	None,	-
J. W. Toner,	Laundry,	-	-	None,	-
Fitchburg R.R. Co.,	Passenger and express station.	-	-	None,	-
Bancroft Wooden Ware Co.,	Boiler house,	-	-	None,	-
Bancroft Wooden Ware Co.,	Boiler house,	-	-	None,	-
W. H. & E. N. Hobby,	Machine shop,	-	-	None,	-
Geo. F. Weatherbee,	Grain mill,	3	-	Enlarge drip to water column; renew tubes; repair heads. Boiler replaced by new one.	-
Fitchburg R.R.,	Railroad station,	-	-	None,	-
Haverhill.					
Beach Soap Co.,	Soap factory,	1	1	Renew fusible plug,	Complied.
T. M. Arnold,	Leather factory,	3	2	Put check valve on returns; put stop valve on main steam pipe; put on locked pop safety valve at fifteen pounds.	Complied.
L. H. Spaulding,	Shoe shop,	1	-	Renew blow-off pipe,	Complied.
Stansfield & Chase,	Laundry,	-	-	None,	-
J. B. Russ,	Shoe shop,	1	-	Renew blow-off pipe,	Complied.
Chas. H. Davis,	Slaughter house,	-	-	None,	-
City of Haverhill,	City hall,	-	-	None,	-
Haverhill Water Works,	Pumping station,	-	-	None,	-
Kelly Bros.,	Shoe factory,	-	-	None,	-
City of Haverhill,	Pumping station,	-	-	None,	-
Harvard, Town of,	Engine house,	-	-	None,	-
City of Haverhill,	City hall,	-	-	None,	-
City of Haverhill,	Pumping station,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found. Total.	Defects Found. Dangerous.	Orders Given.	Compliances.
Ipswich.					
Ipswich Gas Co.,	Gas house,	1	-	None,	-
Lynn.					
J. Schwartz,	Laundry,	1	-	Renew fusible plug,	Complied.
Whitten & Cass,	Printing office,	-	-	None,	-
Eaton & Hobbs,	Pop corn factory,	-	-	None,	-
Wm. C. Holder,	Coal shed,	1	-	Repair pop valve,	Complied.
Wm. C. Holder,	Coal shed,	-	-	None,	-
Wm. C. Holder,	Coal shed,	-	-	None,	-
J. B. Thomas,	Box factory and shoe shop,	1	-	Renew fusible plug,	Complied.
F. W. Moore,	Box factory and shoe shop,	1	-	None,	-
Geo. Faulkner,	Morocco factory,	1	-	Reduce pressure to forty pounds,	-
J. B. & W. A. Lamper,	Coal wharf,	-	-	None,	-
J. B. & W. A. Lamper,	Sawing wood,	2	-	None,	-
Union Iron Works,	Foundry,	7	5	Renew fusible plug; repair setting; one new try cock; repipe water column; boiler to be washed with solvent.	Complied.
E. H. Heffernan,	Hotel,	1	-	Put in gauge cocks,	-
Honors & Wardwell,	Coal wharf,	2	2	Repair steam gauge; put in fusible plug,	Complied.
Lucian Newhall,	Hotel,	3	1	Repipe blow-off; repair setting and steam gauge,	Complied.

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Cooledge & Livermore,	Ice house,	-	-	None,	-
Allen Hay,	Boat shop,	2	1	Put in fusible plug,	Complied.
Allen Hay,	Boat shop,	1	-	Put in fusible plug,	Complied.
Allen Hay,	Boat shop,	-	-	Boiler condemned,	-
Lynn Ice Co.,	Smith shop,	1	-	Repair flues,	Complied.
Lynn Ice Co.,	Ice house,	-	-	None,	-
M. Robert's Estate,	Ice house,	3	3	Renew fusible plug; repair setting and safety valve,	-
Women's Christian Union,	Ind. Relief Laundry,	-	-	None,	-
Leominster.					
J. M. Robbins,	Engine and boiler house,	-	-	None,	-
F. M. Leavitt,	Engine and boiler house,	-	-	None,	-
Edward R. Tisdale,	Comb factory,	-	-	None,	-
A. R. Carter,	Laundry,	-	-	None,	-
H. S. Goodhue,	Horn goods,	-	-	None,	-
N. G. Wood,	Stores and tenants,	-	-	None,	-
G. M. Kendall,	Stores, offices and hall,	-	-	None,	-
G. M. Kendall,	Stores and offices,	-	-	None,	-
David C. Nickerson,	Offices and hall,	1	-	Setting to be repaired,	Complied.
J. C. Allen's heirs,	Offices and hall,	1	1	Renew fusible plug,	Complied.

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Leominster — Con.					
J. J. Raley,	Manufactory,	-	-	None,	-
W. N. Maynard,	Manufactory,	-	-	None,	-
Lancaster.					
Advent Congregation,	School,	2	1	Put on larger safety valve; change cleaning door,	-
Advent Congregation,	School,	2	-	Raise water column; repair setting,	-
Lunenburg.					
Cooke & Sanderson,	Saw mill,	-	-	None,	-
Littleton.					
Fred. C. Hartwell,	Saw mill,	-	-	None,	-
E. P. Sheehan,	Cider mill,	2	-	Enlarge drip to water column; safety valve,	-
Lincoln.					
Town of Lincoln,	Pumping station,	-	-	None,	-
Lowell.					
Wm. N. Ward,	Storehouse,	1	1	Renew fusible plug; wash with solvent,	Complied.
Wm. N. Ward,	Storehouse,	1	1	Renew fusible plug; wash with solvent,	Complied.

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Wm. N. Ward,	No building,	3	3	Renew fusible plug; wash with solvent,	Complied.
Criterion Knitting Co.,	Knitting work,	3	3	Wash with solvent; repair setting; new brace on head,	-
D. M. Leary,	Dye house,	4	4	No check valve; setting repaired; hand-holes cut larger; change fusible plug.	-
M. D. Brown,	Making hose,	-	-	None,	-
G. W. Harris,	Store shop,	-	-	None,	-
F. E. Jewett,	Vinegar works,	-	-	Water pressure to one hundred and twenty pounds,	-
F. E. Jewett,	Barrel works,	-	-	None,	-
G. W. Harris,	Shoe shop,	3	1	Setting repaired; renew fusible plug; enlarge safety valve outlet,	-
Worthen Street Baptist Society,	Church,	3	2	Repair blow-off pipe; put on check valve; put lighter weight on safety valve.	Complied.
Methodist Society,	Church,	3	2	Put on check valve; repair blow-off,	Complied.
St. Anne's M. E. Society,	Church,	1	1	Put on check valve,	Complied.
State of Massachusetts,	Armory,	-	-	None,	-
Middlesex County,	County jail,	-	-	None,	-
W. D. Brown,	Offices and hall,	2	1	Renew fusible plug; repair setting,	Complied.
C. B. Coburn Estate,	Store,	-	-	None,	-
Ayer Home for Children,	Home,	-	-	None,	-
W. H. Bagshaw,	Manufactory,	-	-	None,	-
H. W. Hill,	Machine shop,	1	-	Repair setting,	Complied.
Nesmith heirs,	Offices and stores,	-	-	None,	-
Shaw & Weir,	Hall and stores,	-	-	None,	-
W. Coburn & Co.,	Cotton waste,	-	-	None,	-
A. W. Fesler,	Lodging house,	-	-	None,	-

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Boiler Inspection Report — Continued.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Lowell — Con.					
A. W. Fesler,	Lodging house,	-	-	None,	-
A. W. Fesler,	Lodging house,	-	-	None,	-
D. J. Leary,	Lodging house,	3	2	Put on check valve; repair setting; repair drip to water column,	Complied.
F. G. Mitchell,	Stores and apartments,	3	2	Repair drip to water column; repair setting; put on check valve,	Complied.
F. G. Mitchell,	Stores and apartments,	3	2	Repair setting; put on check valve; repair drip to water column,	Complied.
E. W. Hoyt & Co.,	Manufactory,	-	-	None,	-
E. W. Hoyt & Co ,	Stores and offices,	-	-	None,	-
E. W. Hoyt & Co.,	Stores and apartments,	1	-	Repair setting,	Complied.
Merchants' Bank,	Bank,	4	4	Repair setting; put on stop valve; check valve and larger safety valve.	Complied.
Warren Clifford,	Dye house,	-	-	None,	-
Byers & Smith,	Boiler shop,	-	-	Tested one hundred and fifty pounds water pressure,	-
Byers & Smith,	No building,	-	-	None,	-
Byers & Smith,	Boiler shop,	-	-	Tested one hundred and fifty pounds water pressure,	-
A. G. Pollard,	Store,	-	-	None,	-
A. G. Pollard,	Store,	-	-	None,	-
Geo. Runels,	Store and offices,	2	2	Put on check valves; calk girth seams,	Complied.
Standard Oil Co.,	Boiler house,	-	-	None,	-
D. A. Swan,	Stores and offices,	-	-	None,	-

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D. L. Hill,	Apartments,	7	4	Repair steam gauge; put in new gauge cock; repair others; repair setting; put check valve on returns; put in fusible plug; pressure ten pounds.	-
J. W. B. Shaw, Agent,	Stores and offices,	1	1	Put on check valve,	Complied.
J. W. B. Shaw, Agent,	Stores and offices,	2	1	Put on check valve; enlarge drip to water column,	Complied.
J. W. B. Shaw, Agent,	Stores and offices,	-	-	None,	-
Methodist Society,	Church,	3	2	Put on check valve; repair blow-off,	Complied.
Middlesex O. F. Building Assoc'n,	I. O. O. F.,	-	-	None,	-
Middlesex O. F. Building Assoc'n,	I. O. O. F.,	-	-	None,	-
Geo. Runels,	Stores and offices,	1	1	Put on check valve,	Complied.
W. H. Boody,	Hotel,	-	-	None,	-
W. H. Boody,	Hotel,	-	-	None,	-
Marblehead.					
Greene & Co.,	Grist mill,	3	3	Repipe water column; put on locked pop safety valve; reduce pressure to thirty pounds.	Complied.
J. O. Porter,	Ice house,	-	-	None,	-
T. J. Bowden,	Wood-working shop,	-	-	None,	-
G. L. Mitchell,	Box factory,	-	-	None,	-
A. Stevens & Son,	Shoe factory,	-	-	None,	-
Marblehead Gas & Electric Co.,	Gas house,	-	-	None,	-
S. F. Tucker,	Shoe factory,	3	2	Repair steam gauge and safety valve; wash with solvent,	-
Stephen C. Roundy,	Shoe shop,	-	-	None,	-
J. S. Martin,	Engine house,	-	-	None,	-

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Boiler Inspection Report — Concluded.

NAME.	Building Used for —	Defects Found.		Orders Given.	Compliances.
		Total.	Dangerous.		
Marblehead — Con.					
C. F. Bartlett & Sons,	Shoe shop,	2	-	Repair hand-holes and steam gauge,	Complied.
J. B. Witham,	Shoe factory,	-	-	None,	-
Reading.					
Congregational Society,	Church,	-	-	None,	-
J. B. McLean,	Factory,	-	-	None,	-
S. E. Abbot,	Shoe shop,	-	-	None,	-
Salem.					
City of Salem,	Stone crusher,	-	-	None,	-
J. Fairfield,	Coal wharf,	-	-	None,	-
Wm. South,	Dye house,	1	-	Pressure reduced to forty pounds,	Complied.
Porter & Wrightington,	Bake house,	-	-	None,	-
D. Little,	Boat house,	-	-	None,	-
Templeton.					
Bay State Metal Wheel Co.,	Bay State Wheel Co.,	-	-	None,	-
G. W. Travers,	Children's furniture,	-	-	None,	-

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Tewksbury.					
Town of Tewksbury,	School,	1	1	Change piping to damper regulator,	Complied.
Westminster.					
M. H. Warner,	Shingle mill,	-	-	None,	-
Davis & Hadley,	Saw mill,	1	1	Larger safety valve required,	Complied.
J. C. Goodridge,	Saw mill,	2	1	Repair safety valve; put handles on gauge cocks,	Complied.
Wilmington.					
Sylvester Carter,	Saw mill,	-	-	None,	-
S. R. Mackintosh,	Blacksmith,	-	-	Applied water pressure, one hundred and twenty pounds,	-
Town of Wilmington,	High school,	1	1	Put on stop valve on main steam pipe,	Complied.
Winchendon.					
Fitchburg Railroad,	Pumping station,	-	-	None,	-
Boston & Albany Railroad,	Engine house,	1	1	Larger safety valve,	Complied.
Town of Winchendon,	Engine house,	1	-	Seams to be calked,	Complied.
Town of Winchendon,	Engine house,	1	-	Repair tubes,	Complied.
O. L. Mann,	Engine house,	-	-	Tested one hundred and twenty pounds water pressure,	-

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Summary of Inspection Work.

The record of work performed by the inspectors shows that 7,320 manufacturing, mechanical and mercantile establishments have been inspected since my last report. Orders have been issued to the number of 3,218, and it is gratifying to state that there has been a general compliance with said orders.

Careful attention has been paid to the safety of elevators, and the reports show that 1,782 elevators have been inspected during the year.

The reports of the inspectors show that the number of young persons in manufacturing, mechanical and mercantile establishments, also workshops, is 15,618; number of males employed, 286,234; number of females employed, 174,142; whole number of males and females employed, 460,376.

Applications for licenses as engineer or fireman to the number of 5,981 have been received. There have been issued upon examination 2,911 licenses as engineer and 1,272 licenses as fireman. There have been renewed during the year 5,845 licenses as engineer or fireman. The number of boilers inspected was 2,626.

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REPORTS OF ACCIDENTS.

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REPORTS OF ACCIDENTS IN MANUFACTURING AND MERCANTILE ESTABLISHMENTS.

Keeping pace with the progress made in the mechanical and manufacturing industries, to meet the constantly arising needs and accomplish the purposes designed, time is ever fraught with the practical study of ideas which find their development in the genius of invention. The vast improvements in machinery, through the many mechanical devices which have been invented, have produced radical changes in the methods of manufacturing; and, while the aim is naturally in the direction of securing better facilities for production, in the saving of time and labor, and in obtaining as well superior qualities in work, it is furthermore directed to means of safety and security in the operation of machinery, which is attended with so much danger and risk.

Legislation in this Commonwealth has always been prompt in supplying such remedies as have been within reach to meet the requirements of our great industrial population and to render the conditions of labor as favorable as possible. The recommendations made in these annual reports, based upon the experience obtained in the enforcement of the inspection laws, have all received the fullest consideration by legislative committees, and laws have been enacted in relation to the subject which, in the results of their operation, manifest the wisdom of their framers. To enjoy full immunity from the casualties and mishaps is not among the dispensations allotted to our existence, but to avert many of such is happily within our power, and to do this is an imperative and absolute duty.

During the years of its operation, the act in relation to reporting accidents in manufacturing establishments has shown much to commend it, and, considered in connection with the laws providing for safeguards to dangerous machinery, has proved a beneficial measure and a great aid in the work of the inspectors of this department; as, in the ex-

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amination of the causes leading to the more serious accidents, they have in many cases succeeded in tracing defects, and thereupon caused provision to be made for the necessary and proper appliances or guards for the machines in question.

As required by the statute, an abstract of the record of the accidents reported during the year is here given, showing as far as possible the causes and results, and in some cases of a serious nature the attendant circumstances. Sections 8, 9, 10 and 61 of chapter 481 of the Acts of the year 1894 constitute the law relating to the subject, and the provisions of the same are as follows: —

Report of Accidents.

Sect. 8. All manufacturers, manufacturing corporations and proprietors of mercantile establishments shall forthwith send to the chief of the district police a written notice of any accident to an employee while at work in any factory, manufacturing or mercantile establishment operated by them, whenever the accident results in the death of said employee or causes bodily injury of such a nature as to prevent the person injured from returning to his work within four days after the occurrence of the accident.

Sect. 9. When notice of any accident is sent to the chief of the district police under the provisions of section eight of this act he shall forthwith return to the sender of such notice a written or printed acknowledgment of the receipt of the same.

Sect. 10. The chief of the district police shall keep a record of all accidents so reported to him, together with a statement of the name of the person injured, the city or town where the accident occurred and the cause thereof, and shall include an abstract of said record in his annual report.

Sect. 61. Any person or corporation failing to send notice of any accident as required by section eight of this act, shall be punished by a fine not exceeding twenty dollars.

The whole number of accidents reported for the year is 1,423; but of this number there are 545 cases in each of which the accident was due to some cause other than the operation of machinery. As the accident occurs within the limits of the manufacturing establishment, those whose duty it is to meet the law's requirements in reporting the same presumably construe the statute to include cases of every nature, and send their report accordingly.

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A list of the causes leading to the accidents, indicating the number of cases in each of said causes, is here presented. The cases in this list mentioned as not enumerated are those to which allusion has just been made, as arising from causes not related to the running or care of machinery. The cases which had a fatal result are not included herein, but the facts in such will be reported further on.

Injured by machinery in cotton, woollen and paper mills, shoe factories and electrical works,	561
Injured by machinery in iron works, planing and saw mills and other mechanical establishments,	163
Injured by belting and pulleys,	32
Injured by being caught between elevator car and flooring, while riding on elevator or working about same,	30
Injured by falling through elevator well,	5
Injured by fall of elevator car,	2
Injured by receiving scalds and burns (the former mostly in dye houses, and the latter from molten iron in foundries),	43
Injured from causes not here enumerated,	545

In the above list are included 296 cases where persons were injured while attempting to clean machinery which was in motion, or in trying to remove bobbins, waste or other articles which had become entangled therein.

Among the cases not in the foregoing list as enumerated, there were 366 in each of which injury was sustained while engaged in work in or about the factory buildings, or, as in many cases, where work was being done by carpenters and other mechanics in places where manual labor was performed apart from machinery. In 16 cases included in the above accidents were by falling from ladders and stagings. Outside of these, the mishaps were due to falls on stairways or in other places; being in one way or another struck by articles in falling; or by missiles, flying sparks or pieces of steel; and the numberless ways which make up every-day occurrences, the conditions leading to the same being infinite in variety.

It is noted in this list that among the persons injured there were 296 who met with accidents while they were attempting to clean the machinery when it was in motion, or were trying to remove from the same waste, bobbins or other articles which had dropped or in some manner had become

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entangled therein. This number is more than 39 per cent. of the entire number injured while at work about machinery, belting and pulleys. Last year the percentage of accidents through carelessness was 35 per cent., and in 1897 it was about the same, maintaining, as it does, the rule of average. That such a large proportion must be accounted for in this way is most assuredly a cause for the sincerest regret, as, whatever the means may be for the protection and safety of the operatives at their work, they would avail but little if due care and thoughtfulness were not observed at all times.

While the results in a very large portion of the cases reported were of slight importance, mention may be made here of some of the more serious instances, which caused the loss of some member or portion thereof. In 764 cases the injuries were to the hand, the fingers and thumbs in 600 of these cases being the parts to suffer. In 20 cases each had one finger lost, and the loss of thumb and one finger occurred in each of 4 cases. In 3 cases each lost two fingers, in each of 4 cases there were three fingers lost, and partial loss of one or more fingers occurred in 87 cases. There were 5 cases in which the injuries were such that the hand had to be amputated, being in 3 cases the right hand; and the particulars in these, as also in 4 other cases, where the loss of the right arm occurred, will be given more fully. In 6 cases the arm was broken, but in all others the injuries to the arm were slight. Injuries to the head were not serious, as reported. There were 7 cases where the leg was broken, and upwards of 150 were injured by having their feet caught about the machinery or on elevators. About 90 more received general bodily injuries, and these were in most cases among those employed in laboring and work outside of the factory buildings.

The record shows that the persons thus injured were, males, 1,145; females, 278; the latter being in almost all the cases employed in cotton and woollen mills.

The circumstances in one case where the right arm was lost are as follows. The person thus injured raised the cover of the beater chamber on picker machine, and put his right hand in. The beater, which runs at 1,400 revolutions per minute, cut his arm off above the elbow and tore the

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muscles and tendons remaining into shreds, so that they wound around the beater shaft and stopped the machine. The amputation of the arm was necessary about three inches below the shoulder. He had been cautioned against opening the beater chambers while the pickers were running.

In another case the person was operating a wool-opening machine, and was feeding the machine with wool over an apron, when he reached over the apron too far, and his right hand was brought in contact with the feed roll, lacerating his hand terribly. He was taken to the hospital, where his hand was amputated at the wrist.

An operative, while at work on picker machine, in order to remove some cotton, raised the cover of the beater and inserted his right arm, when the beater was revolving at the rate of 1,500 revolutions per minute. His arm was broken in two places, and at the hospital it was found necessary to amputate the arm near the shoulder.

Another unfortunate case, similar to the previous one, is that of a man who was tending pickers, and, having noticed that the feed rolls were getting clogged, he made an attempt to free them without stopping the machine. He raised the iron cover and put his left hand in, when the beater was making about 1,400 revolutions per minute. His hand was cut or torn off just above the wrist. He had been employed tending pickers about thirteen years, and had been instructed not to work around the beaters when the machine was running.

While employed as a card stripper, an operative attempted to remove waste from a card while the machine was in motion, when his right hand was caught in the main cylinder, the hand being so badly injured that it had to be amputated.

Another case is that of a man who for some purpose crawled under the picker machine, and put his hand into the beater while it was in motion. In order to get his hand in contact with beater, he had to put the hand through grate bars. His right arm was taken off near the shoulder.

In the case of a boy employed in the mule room as a back boy, it was reported that he was sitting on a box, and fell off the same, his right arm getting caught between the scroll

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and rope banding on the back shaft of a mule, breaking his arm between the wrist and elbow in a shocking manner. He was removed to the hospital, where the doctors found it necessary to amputate the arm at the elbow.

The number of fatal cases reported is 41. Of this number, 15 were accidents which occurred outside of the factory buildings, or where the circumstances had no connection with running machinery. Referring to these, one case was that of a man who was directing some work in the yard of the factory works, when, in stepping backward, he fell into a hole which was partly filled with hot water, and sustained fatal injuries. Another fatal accident was caused by falling from the roof of a shed. Another man received fatal injuries by being struck by a bale of hemp, and a man was killed in another case by the falling of a derrick. While at work raising materials in the construction of a new building, one of the workmen fell through an opening in the floor, receiving injuries which caused his death. In another case a man was engaged in unloading a car, fell from the same, and was struck by a truck which fell upon him from the car, causing fatal injuries. In two other cases men were killed by being thrown or falling from cars, and in one case two men were crushed by the overturning of a coal car. A workman in the employ of an electric lighting company was killed by an electric shock received while adjusting some wires. A case was reported of two children at play at a lumber pile, when part of the lumber fell, striking and causing death to one of the children. A workman was killed by falling from a floor in a new building being erected. Another man received fatal injury from some gear flasks falling on him. Still another was fatally crushed by a falling joist. The premature explosion of dynamite in a quarry caused loss of life in another case.

In the cases which follow, there were seven in which death was caused by being caught and crushed by the ascending or descending elevator car. Three more lost their lives by the falling of elevator cars, and in three other cases death resulted from falls through elevator wells. There were three fatal cases as the result of being caught by shafting, and two others were caused by electric shocks.

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In each of eight other cases the cause is here given: falling into a leach which contained hot tan liquid; falling into a tank containing hot caustic soda liquid; in the engine room of a laundry; while swinging on a hoist rope, lost his hold and fell through the hatchway; was caught and thrown by a driving pulley; fatally scalded while at work in a kier, two persons being killed; falling into wheel pit, caused by breaking down of flooring; falling onto a circular saw. The particulars in these cases, as far as they could be obtained by investigation on the part of the inspectors of this department, are presented here, with the names of the persons fatally injured, the city or town, and the establishment where the accident occurred, as follows: —

Nathaniel Pegrum, Boston. 576 Washington Street. Date of accident, January 1. It appears that Pegrum came into the building about 9 o'clock in the morning, and went to the fifth floor for the purpose of cleaning a room which had been vacated. A short time afterward he was found at the bottom of the elevator well. No one seemed to know how the accident occurred. He was removed to the hospital, where he died the same day.

John McGrath, Boston. R. P. Hoagland. Date of accident, January 3. McGrath was in the employ of the city of Boston, in the department having charge of the collection of ashes. He got on to an elevator at 41 Bowker Street, Boston, and, with a salesman employed by R. P. Hoagland at that place, ascended to the fifth floor, where the salesman jumped from the elevator on to the landing, the elevator still ascending. McGrath also attempted to leave the elevator at this floor, but in so doing both of his legs were caught between the top edge of the opening to the elevator well and the elevator platform, crushing both legs and stopping the elevator car. Help was summoned, and before McGrath could be extricated the elevator floor had to be cut and the iron strip taken off, the time necessary in doing this being some thirty-five minutes. He was conveyed to the hospital, where he died on January 11, eight days after the accident.

Daniel W. Freeman, Boston. Williamson & Sleeper. Date of accident, January 10. Freeman was found on the second floor of the building, with his head caught between the platform of the elevator and the gate to the elevator well. He was taken to the hospital, where he died soon after his arrival. How the accident

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occurred is not known. It is supposed that he was in the act of looking down the elevator well, when the descending car caught him and crushed him in the position in which he was found.

JACOB SCHOBEL, Boston. Standard Grocery Company. Date of accident, January 15. Schobel was employed as a bookkeeper at 80–86 Fulton Street, Boston. He was at work with three or four others in the office, and some three more were engaged upon the upper floor, overhauling merchandise. Schobel and the others in the office were engaged in posting the books, and some time between 1 and 3 o'clock those employed with Schobel in the office went to lunch, leaving Schobel behind. Upon their return to the office they missed Schobel. Soon they were informed by one of the men at work on the upper floor that a man was lying at the bottom of the elevator well. The clerks immediately went down to the basement, and there found Schobel lying unconscious in the well, under the elevator, said elevator being at the time at the first floor, where, it was claimed, it had been since leaving off work on the previous day (Saturday). Medical aid was called in, and it was found that Schobel's skull was fractured. An ambulance was sent for and he was conveyed to the hospital, where he died at 10.30 the next morning. It appears, from a statement made by one of the men employed on the upper floor, that he ran the elevator between 2 and 3 o'clock, which was probably the time Schobel was injured; and the supposition is that he must have been standing in the elevator well when he was struck by the descending car, and found in the condition as above stated.

GEORGE HADDOW, Cambridge. The Stratton Lumber Company. Date of accident, January 31. Haddow was oiling the hanger of the main shaft, and was caught and whirled around on the same, causing his death. An investigation of this accident showed that the shafting was in a dark place and was about ten feet from the floor, and, in order to reach the hanger, Haddow used a ladder and also required a small lamp. No one saw him at the time, but it is supposed that the ladder slipped, and in order to save himself he caught hold of the shaft and was drawn over and wound around the same, killing him instantly. The foreman, who noticed an unusual noise in the closing down of the power from lack of steam, found Haddow hanging to the shaft. He must have been on the shaft twenty or thirty minutes.

WILLIAM G. CLARK, Whitman. Clark Bros. & Co. Date of accident, March 9. Clark was a member of the firm, and was

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trying to put a belt on to a pulley on the counter shaft which runs a planer. He was standing on the planer, when a set screw, projecting about an inch and a half from a collar, caught him and threw him up on the shaft. He was taken down in less than a minute afterward, but life was extinct. The accident occurred about half-past three o'clock in the afternoon.

Joseph B. Curran, Boston. Devonshire building. Date of accident, March 18. Curran was employed as an elevator man at Devonshire building, 194 Washington Street. His duties were to clean the walls of the elevator well, and in doing so he had control of the elevator, which was standing still at the time. He was standing on the top of the car, and it is supposed that he leaned over into the adjoining elevator well just as that elevator was descending, and his head was caught between a cross-beam and the bottom of the elevator car, crushing his skull and causing death.

James Ganley, Peabody. Franklin Osborn Company. Date of accident, March 21. Ganley was employed in the tannery. He fell into a leach containing hot tan liquid, and was so badly burned that he died from the effects some twelve hours after the accident happened. No one saw him fall into the leach, and the supposition is that he was sitting on a box near the leach, changing his clothes, when, losing his balance, he fell in.

Levy Merfield, Lawrence. Arlington Mills. Date of accident, March 24. Merfield was employed in the room known as the acid room, which was used for the purpose of mixing caustic soda and vitriol. This room was connected with another room, having a window between the two rooms. Merfield placed a joist across an iron tank filled with caustic soda liquid, one end of the joist resting on the window sill. He stepped through the window opening on to the joist, and in doing so pushed the end off the sill, which was very slippery, and this caused him to fall into the tank, his body being submerged to the neck. He was taken from the tank, and his sufferings were so intense that he died in about thirty minutes afterward.

Mary Mills, Boston. Trade Club, 116 Bedford Street. Date of accident, March 29. Mary Mills was employed as cook at the aforesaid club, and as near as can be ascertained she went to the elevator well to answer a call made for the elevator, and in leaning over the safety gate to see who wanted the elevator, was caught

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by the descending car about the ribs, and crushed against the gate. She was taken out as soon as assistance could reach her, and conveyed to the hospital, where she died the same day. The report states that it was not part of her duty to answer the elevator calls, but simply an act of kindness on her part when she did so.

Ernest Smith, Worcester. American Steel & Wire Company. Date of accident, March 31. Smith, who was a boy sixteen years of age, was found dead between the floor of the car and the first floor of the building. No one knows how the accident was caused. Some one on the floor above rang for the elevator, and, getting no reply, looked for the cause, and found the body of the boy, as before stated. The Smith boy had operated elevators at other places.

Charles A. Fisher, Boston. The Creamer-Wing Laundry Company. Date of accident, April 1. Fisher was employed as an engineer at the laundry, was alone in the engine room at the time of the accident, and how the same was caused is not known. It occurred about 7 o'clock in the morning. When found the body was dreadfully bruised and mangled.

William McLaughlin, Boston. Building on Charter Street, owned by Smith Gerrish. Date of accident, April 25. McLaughlin was a boy about twelve years old, who, in company with another boy, entered the building, and, while the said McLaughlin was swinging on the hoist rope, it is said he lost his hold on the rope and fell to the first floor, a distance of about twenty-five feet. One-half of the hatch was open on the second and third floors where the boy fell. They are ordered closed when not in use, and it is not known who opened them. The McLaughlin boy was not employed in the building, and his presence there was not known until after the accident. He was taken to the hospital, where he died the next day.

Royal Brady, Fall River. D. M. Anthony. Date of accident, May 12. Brady was employed in D. M. Anthony's pork-packing establishment, and was at work in the basement near the elevator well, using a hose, washing the floor. No one witnessed the accident, but it is supposed that he saw something at the bottom of the elevator well which he desired to pick up, and, before doing so, looked up the well to see where the elevator was, and by an unfortunate coincidence the shaft on the elevator drum broke, causing the elevator to fall, striking him on the back of the head, breaking his neck, and killing him almost instantly.

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MICHAEL MONAGHAN, Holyoke. George C. Gill Paper Company. Date of accident, May 20. Monaghan was employed as a general helper in the repair shop. He was directed to paint some water pipe in the basement, which is about three feet from the end of a revolving counter-shaft, which is located at right angles with the pipe he was painting. The end of the counter-shaft projects some seven inches beyond the hanger and box, which is perfectly smooth. One of the employees, passing in the basement, found him with his back to the shaft, and the clothing about his neck wound around the revolving shaft in such a manner as to cause death by strangulation. There was no one who witnessed the accident. It is not known how long he had been on the shaft.

JOHN TRESERSA, Fall River. Union Cotton Manufacturing Company. Date of accident, June 2. Tresersa was employed in the card room. There is uncertainty in regard to the exact circumstances connected with the accident, as he was found stretched on the floor between the cards in an unconscious condition, apparently seriously injured. The doctor was called and Tresersa was removed to the hospital, where an examination was made, showing that his skull was badly fractured. Everything possible was done for him, but he died about 5.30 in the afternoon of the same day, the accident having occurred in the morning. Tresersa was a card stripper, his work being to clean the cards. It seems that the belt which drives the cards is a straight belt; but in this case they were grinding a card, and in doing so they always cross the belts so as to run in the opposite direction, which drives the card from the top side of the pulley; it is thought Tresersa put his arm between the side of the card and the driving pulley to do cleaning, and was caught and thrown over on the floor, his head striking on a gear, on which blood was found.

JULES YAVNER, Lynn. General Electric Company. Date of accident, June 22. Yavner was engaged, with another man, in putting up a trolley wire, and, while standing on a ladder which was leaning against a pole which held the span wire, with the trolley wire in one of his hands, he took hold of the span wire with his other hand and pulled the same down on to the trolley wire running parallel with the line he was putting up, and charged with electricity. He received a shock sufficient to throw him from the ladder, and, falling, striking the railway track, his back was broken. He was taken to the hospital, where he died on the 8th of July following.

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HERBERT RUSSELL CAWTHORNE, Cottage City. Cornell & Mayhew. Date of accident, June 28. Cawthorne was employed in a grocery store and was at work with another employee of the establishment in loading the elevator car with boxes of goods and raising them to the third floor for storage. The elevator was worked by hand power and operated by a manila rope attached to the hoisting machinery at the top of the elevator well, and run to the bottom of the same on both sides. The instructions were always to operate the elevator from the second or third floor; but in this case the young men doing the work were on the basement floor, and were standing under the elevator, pulling on the rope to raise the car with its load. When it had reached the height of about twenty feet, one of the links in the hoisting chain broke, causing the elevator to fall, striking both men, and Cawthorne, who was farthest underneath the elevator, was pinned under the heavy weight and was instantly killed. The other employee who was at work with Cawthorne had his left collar bone broken.

CHARLES M. SPICER, Blackstone. Blackstone Manufacturing Company. Date of accident, July 6. He was employed as a blacksmith in the company's works, and was at work with another employee, a machinist, in the sub-basement of the mill, putting up the pipes for a system of sprinklers. They had a pair of steps with them. Spicer was standing in front of the water wheel (which was entirely enclosed in an iron casing), when he called to the other man that they would postpone further work until noontime, and then they could hear what each other said. Upon this the other man stepped over to the side where Spicer was standing, when a timber which held the floor broke, precipitating both men and the steps into the wheel-pit, fifteen feet below, which had about three feet of water in it. The other man found his way out by a short flight of stairs and through a trap door in the floor. Spicer was found lying face down in the water, with the steps they had been using on top of him, and he was dead. He had a bruise across the back of his head, and it is probable that he was stunned and fell face down in the water and was suffocated.

JOHN ABBOTT, Boston. J. Manning & Sons. Date of accident, July 12. He was employed by J. Manning & Sons, truckmen, and, having delivered a safe to the American Thread Company, 112 Beach Street, was taking down the ropes and timber from the elevator well hole, when the timber fell, and Abbott fell with it from the third floor to the bottom of the well hole, causing his skull to be fractured, and resulting in death.

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William Dolan and Jacob Shaster, Fall River. Algonquin Printing Company. Date of accident, July 28. This was the case of two boys, sixteen and fifteen years of age respectively, who were at work arranging cloth in a kier, used in the process of bleaching. The kiers are entered through a man-hole in the top, and steam pipes are connected with them, and when the kier is full of cloth the man-hole plates are put in and the steam is turned on. The boys were at work in one of the kiers steering the cloth, when a valve which lets steam into the same was accidently turned on, allowing the steam to pour in on them. One of the employees, seeing steam coming from the man-hole, and knowing that the boys were in the kier, ran over to the same and shut off the steam, but before they could be rescued the boys were terribly scalded. They were sent to the hospital, where they died on the morning of July 30. No one could tell how the steam happened to be turned on, but it is thought that a belt which ran a cloth reel over the kier caught the valve by which the steam is turned on, and, as the boys were down in the kier some distance from the opening, they could not give the alarm.

Eugene E. Cole, Carver. T. T. Vaughan, saw mill. Date of accident, September 1. The place where the accident occurred is a mill for the sawing of box boards from logs. A large circular saw runs near the corner of a platform, about three and one-half feet high and seven or eight feet in length, upon which the logs are hoisted and rolled on the traveller which carries the logs forward and back while being sawed. The carrier or traveller is set in motion by levers manipulated by the sawyer. The saw, as is frequently the case, did not cut entirely through the log, and at such times it is the duty of the sawyer to sever the uncut part with an axe, standing for this purpose on the platform farthest from the saw. Cole got up on the platform, against the protest of the sawyer who was working with him, and, standing on the platform at the end nearest the saw, raised the axe to split the log. As he started to deliver the blow, the head of the axe caught on an obstruction overhead, which threw him off his balance, and, falling on the saw, he was cut entirely through, the upper half of his body falling on one side of the saw, and the lower half falling on the other side.

Albert C. Bowden, Boston. Tremont Temple. Date of accident, October 6. Bowden was the night watchman of said building, and was found in the morning, about 5.50 o'clock, lying on top of the elevator, which at the time was on the street floor.

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Bowden was in a dying condition, and the attention of the fireman of the building who found him was attracted by the groans coming from that direction. It was stated that Bowden, in making his rounds as watchman, used the elevator to go to the top floor, and would then start the elevator for the lower floor, and he himself would inspect each floor of the building as he went down from one floor to another by the stairway. The supposition is that at this time he attempted to use the elevator, and, stepping into space, he fell and was found as described.

John H. Allen, Somerville. American Tube Works. Date of accident, October 6. He was employed as a machinist's helper. He was in the act of switching on the current to one of the electric arc lights at the cut-out box, and received an electric shock, which was fatal. It seems that the person who had charge of turning on the lights with this switch was not near at the time, and Allen took it upon himself to operate the switch, and in doing so touched one of the charged wires and received the whole current through his body, killing him instantly.

Andrew F. Phelan, Lynn. James E. Phelan. Date of accident, October 26. He was ascending by way of the elevator to the upper floor of the building, when he was seized with a fit, and, falling, threw his arms over the side of the car and was caught and crushed between the car and the side of the elevator well, receiving injuries from which he died on November 4 following. The deceased was a brother of the proprietor of the establishment.

John O'Brien, Lowell. Lowell Bleachery Company. Date of accident, October 28. O'Brien and two other men were at work at the elevator, taking empty cases to the attic of the storehouse. The cover of one of the cases got wedged between the floor and elevator, and one of the men tried to start the elevator, but it would not move. The three men then jumped on to the elevator, in order to start the same, but failed to move it. Then they threw the shipper, unwinding the chain and making a slack chain of about eight feet, and reversed the shipper so as to go down. After prying up the elevator to get the cover off the case, the elevator was then started down, when it dropped eight feet. All of the men jumped from the platform to the floor, about four feet. The two men with O'Brien landed without serious injuries, but O'Brien rolled down the elevator opening to the floor, falling about fifteen feet, and striking on his face, causing fracture of his skull in two places. He was carried to the hospital, where he died the same day.

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DETECTIVE DEPARTMENT.

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REPORT OF THE DETECTIVE DEPARTMENT.

As the district police force was originally constituted (Public Statutes, chapter 103), it was provided that they have and exercise throughout the Commonwealth all the powers of constables (except the service of civil process), police officers and watchmen, and may be transferred from one district to another, and the governor may at any time command their services in suppressing riots and in preserving the peace. The governor was authorized to appoint two or more of the district police to act as inspectors of factories and public buildings. In a district where such appointments should be made by the governor, he might appoint an additional district police officer, but the whole district police force shall not exceed sixteen men. This was in the year of 1879. In 1894 the work of the force had so greatly increased that the law was amended as follows: —

SECTION 1. The district police force shall be divided into two departments, which shall be known respectively as the inspection department and the detective department of said force. The inspection department shall consist of twenty-four male members and two female members, together with the chief of said force; the detective department shall consist of twelve members, and said chief. The chief of said district police force shall be the head of each of said departments. No member of the inspection department of said district police force shall be called to perform any other duties than those pertaining to the office of inspector of factories and public buildings, unless his services are commanded by the governor as provided by law in suppressing riots and preserving the peace; but the members of said inspection department shall continue to have and exercise all powers now given by law to members of said district police. Vacancies in either of said departments shall be filled by appointment to the department in which the vacancy occurs.

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There are numerous other provisions which relate to the work of the inspection department, and which need not be mentioned here, which show the growth of legislation along such lines; but the sub-division of the district police force by the establishment of the detective department has greatly promoted the efficiency of the entire force. Much of the work done by the officers of the department of detection is done under the direction of the several district attorneys. Many important cases of grave misdemeanors and felonies have been intrusted to our officers, who have sought evidence and made investigations which have resulted in bringing the offenders to justice. A more detailed statement of facts, so far as they may exhibit the character and the extent of the services rendered, is given in the following report of the officers of the detective department of the district police.

Recommendations.

I respectfully recommend the appointment of an additional officer in the detective department of the district police. My reasons for this request, briefly stated, are: that in the south-eastern district, comprising Norfolk and Plymouth counties, there is but one officer assigned for detective service. The two counties cover quite an extensive territory and contain a large population. The calls for detective service in Norfolk County during the past year have been so frequent that I am convinced that good and efficient service can be rendered to the citizens by the appointment of an officer to be assigned to Norfolk County. I append copy of a letter received from the Hon. Robert O. Harris, district attorney for Norfolk and Plymouth counties: —

East Bridgewater, Nov. 12, 1899.

Rufus R. Wade, Esq., *Chief District Police.*

Dear Sir: — Yours of the 9th was duly received on my return yesterday. Your intention to ask for an additional officer for my district meets my hearty approval. My district comprises two counties, and, although the population is not as large as that of some other districts, the territory to be covered is large, and the means of getting about are not of the best. There should be a man in each county.

Yours very truly, Robert O. Harris.

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My attention has been called to the fact that in some of the towns of the State the dealing in junk, old metals and second-class articles is carried on by certain persons having no license to transact such business. It is known to the officers of the detective department of this force that a large amount of property is stolen and sold to these junk dealers, the identity of said property being destroyed after its purchase. It has been found in very many instances, that, to secure conviction of selling or receiving such property, the evidence must come from the testimony of those whose evidence would not be discredited by our courts. To make more effective the provisions of sections 28 and 29 of chapter 102 of the Public Statutes, I would recommend that said sections be amended so as to require all towns to adopt by-laws to control and license all dealers in junk, metals and second-hand articles.

The following is a copy of letter received from Officer George Dunham, assigned for duty in Middlesex County: —

SIR: — My experience in the prosecution of cases of larceny shows me that the ease with which certain kinds of stolen property can be turned into cash makes a strong incentive to steal. To illustrate the conditions existing in many localities within the Commonwealth, I take the town of Natick, where within a radius of ten miles twenty or more junk dealers exist, where a legitimate trade could not maintain one-third of that number. Many instances have been found where valuable brass and copper machinery has been sold to these junk dealers, at one-tenth of its cost to the owners, by young thieves who say that the junk dealers always stood ready to take it off their hands and tell them to get more. After getting the metal, the identity is quickly destroyed by the dealers; and, because the State must then rely upon only testimony of confessed thieves, no conviction of the receiver can be had. Comparatively few towns have adopted by-laws requiring junk dealers to be licensed, consequently a business that a few years ago was mainly conducted by licensed tin-pedlers representing reliable business stores has almost wholly passed into the hands of a class of people who make it impossible to leave any metal that may be a part of a structure in any way exposed. I suggest that the Legislature have this matter before them, so it amend sections 28 and 29 of chapter 102 of the Public Statutes, and oblige all towns to adopt by-laws licensing and otherwise controlling all dealers in junk or second-hand articles.

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Special Duties.

Officers of the force have been called upon for special duty at Athol, Barre, Boxford, Cummington, Fall River, Great Barrington, Malden, Marlborough, North Adams, Northampton, Reading, South Framingham, South Hadley, Sturbridge and Weymouth.

Arrests.

Arrests have been made to the number of 414; total number of cases investigated, 825; total value of property recovered, $6,598.90.

Reports of Officers by Districts.

Berkshire and Hampshire Counties.

Officer Moses H. Pease. Total number of cases investigated, 140; total number of arrests, 96.

Among the most important cases investigated were the following: —

Joseph Bedard. Crime, breaking and entering and larceny. Found guilty; sentenced to two years in the House of Correction.

Lawrence A. Charlton. Crime, larceny of several hundred dollars. Case now pending.

Frank A. Ponthan. Crime, rape. Found guilty; sentenced to one year in the House of Correction.

Frank Stang. Crime, larceny from building. Found guilty; sentenced to the Massachusetts Reformatory.

Edward Tymerson. Crime, assault with intent to rape. Found guilty; sentenced to two years in the House of Correction.

Eugene Sharpe. Crime, fugitive from justice. Turned over to officers from the State of Connecticut.

Arthur Wooster. Crime, assault with intent to rape. Found guilty; sentenced to not less than four nor more than five years in the Massachusetts State Prison.

Barnstable, Bristol, Dukes and Nantucket Counties.

Officer Simeon F. Letteney. Total number of cases investigated, 89; total number of arrests, 47; total value of property recovered, $2,225.

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Among the most important cases were the following: —

BENJAMIN F. WAIT. Crime, larceny of horse. Found guilty; sentenced to six months in the House of Correction.

GEORGE R. FEAREBAY. Crime, breaking and entering and larceny. Found guilty; sentenced to ten years in the Massachusetts State Prison.

GEORGE A. KELLEY. Crime, breaking and entering. Found guilty; sentenced to the Massachusetts Reformatory.

HARRY B. EATON. Crime, breaking and entering. Found guilty; sentenced to eighteen months in the House of Correction.

WARREN H. CHASE. Crime, larceny. Found guilty; sentenced to the Lyman School for Boys.

ROLAND PERRY. Crime, breaking and entering. Found guilty; sentenced to the Massachusetts Reformatory.

FRANK S. AUSTIN. Crime, breaking and entering. Found guilty; placed on probation.

MARSHAL N. BENSON. Crime, breaking and entering. Found guilty; sentenced to two years in the House of Correction.

WILLIAM R. CAHOON. Crime, rape. Found guilty; sentenced to one year in the House of Correction.

EVERETT W. SEARS. Crime, rape. Found guilty; sentenced to three years in the House of Correction.

JOSEPH A. HILL. Crime, murder. Indicted. Awaiting trial.

EDWIN R. SNOW. Crime, murder. Indicted. Awaiting trial.

E. BRADFORD CHASE. Crime, rape. Indicted. Case pending.

ASA JOHNSON. Crime, rape. Case pending.

CHRISTOPHER H. WALSH. Crime, breaking and entering. Case pending.

BERT RAYMOND. Crime, larceny. Case pending.

FRED HOWARD. Crime, breaking and entering. Case pending.

JOSEPH A. DILL. Crime, abortion. Case pending.

Officer Thomas A. Dexter. Total number of cases investigated, 70; total number of arrests, 21; total value of property recovered, $120.

Among the most important cases investigated were the following: —

LULU J. DANZELL. Crime, arson. Found guilty; sentenced to three years in the Reformatory Prison for Women.

WILLIAM H. JACKSON. Crime, forgery. Awaiting trial.

CHESTER W. KEELER. Crime, burglary. Found guilty; sentenced to the Massachusetts Reformatory.

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LEWIS F. FLUET, *alias* LU PARKER. Crime, larceny. Found guilty; sentenced to six months in the House of Correction.

FRANK LEONARD. Crime, larceny. Found guilty; sentenced to two months in the House of Correction.

I have also done special duty on board the steamer "Lexington" ninety-one days, said steamer being engaged in enforcing the fish and game laws. I was also detailed to assist Officer Letteney in the following cases: the murder of James T. Whittemore at Barnstable, for which Edward R. Snow is awaiting trial. Also the shooting with intent to kill officers Smally and Burgess at Bourne, for which Marshal M. Benson is held awaiting trial.

Officer Alfred B. Hodges. Total number of cases investigated, 74; total number of arrests, 30; total value of property recovered, $831.25.

Among the most important cases investigated were the following: —

EDWARD F. O'BRIEN. Crime, obtaining money ($2,000) by false pretence. Found guilty; sentenced to three years in the Massachusetts State Prison. O'Brien was arrested in the State of Rhode Island and brought to Massachusetts on requisition papers.

WILLIAM C. CORBETT. Crime, breaking and entering and larceny. Found guilty; sentenced to two years in the House of Correction.

DANIEL F. STRANGE, *alias* FRANK STRANGE, *alias* FRANK HENDERSON. Crime, breaking and entering and larceny (four counts). Found guilty; sentenced to not less than four nor more than six years in the Massachusetts State Prison.

CHARLES B. HORTON. Crime, breaking and entering and larceny (three counts). Indicted. Case pending.

REUBEN W. LEONARD. Crime, forgery and uttering (two counts). Indicted. Case pending.

MARY ANN BRAZIL. Crime, poisoning cattle. Found guilty; sentenced to one year in the House of Correction.

JAMES LENNON. Crime, breaking and entering and larceny. Held for the grand jury.

JAMES A. BENNETT, *alias* JIMMIE COLE. Crime, breaking and entering and larceny (two counts). Held for the grand jury.

MARTHA WILLIAMS, *alias* IDA BROWNELL. Crime, murder. Held for grand jury.

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I was also detailed to work on the following case: William A. Fonteneau of Attleborough, case of assault with intent to kill. Fonteneau committed suicide on being discovered, before he could be arrested. I was also detailed for special duty at Marlborough, the greater part of the time from Dec. 31, 1898, to Feb. 18, 1899.

Essex County.

Officer Daniel W. Hammond. Total number of cases investigated, 57; total number of arrests, 18; total number of days on special duty, 95.

Among the most important cases investigated were the following: —

Ethel Bibby. Crime, abandoning child. Found guilty; sentenced to the Reformatory Prison for Women.

John Corliss. Crime, breaking and entering and larceny. Found guilty; sentenced to three years in the House of Correction.

E. E. Spencer. Crime, forgery. Found guilty; placed on probation.

John Clancy, Jr. Crime, breaking and entering and larceny. Found guilty; sentenced to ten months in the House of Correction.

A. H. Gardner. Crime, embezzlement. Case pending.

Fred. Butler. Crime, manslaughter. Found guilty; placed on file.

I have also assisted in the following cases: Isaac Stetson, found dead at Dalton. The Weymouth bank robbery. The finding of the dead bodies of Edward F. Olive, Sophie Underwood and John Clifford at Marlborough (cause of death, poisoning from wood alcohol).

Officer George C. Neal. Total number of cases investigated, 45; total number of arrests, 12; total value of property recovered, $675.

Among the most important cases investigated were the following: —

June 6, 1898, the store of Mrs. Kimball at Topsfield was entered in the night time by cutting the sash from the lower part of a window in the store, and about two hundred and fifty dollars' worth of silk ribbons, gloves, spools of silk, thread and other

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articles taken. This case made the ninth of a like nature that had been committed in the county since March, 1895, and no arrests had been made. A number of photographs were shown Mrs. Kimball, and she recognized one of them as the man that came into her store in the afternoon previous to the night of the robbery. It was a picture of a well-known thief, George R. Fearebay by name. A special effort was then made by the department, under the direction of Chief Wade, for his apprehension; and in October following Fearebay was arrested in Providence, R. I., by Officer Letteney, brought to Boston and turned over to me, and taken to Essex County to answer to an indictment brought by the grand jury against him for breaking and entering the store of Mrs. Mary Kimball at Topsfield, and committing the crime of larceny. He was tried at the following term of court, in January, at Salem, found guilty, and sentenced to not less than six and not more than ten years in Massachusetts State Prison.

In January, 1898, a forged check for the sum of ninety-five dollars, with the forged endorsement of a prominent citizen on the back, was cashed at the Beverly National Bank. The loss was made known to the local chief of police and the Pinkerton detective agency. The following October, a forged check, with a forged endorsement for the sum of eighty-five dollars, was cashed by the Danvers National Bank under like circumstances. The last case I incidentally got knowledge of. I got the two forged checks photographed, and commenced work on the case. October 29, I was informed by the inspectors' department of Boston that one of two men arrested on suspicion had a printed form for a check filled out in the same handwriting as the forged one passed in Danvers. The two men, giving their names as John A. Stanley and Samuel Lucas, were turned over to me and taken to Essex County for trial. They were indicted at the following January term of court for forging and uttering checks on the Beverly and Danvers national banks. Before the time of their trial arrived they were taken to Dedham for trial on two counts, having forged and uttered two checks against the bank there. They were found guilty, and John A. Stanley was sentenced to not less than four and not more than six years in the Massachusetts State Prison; Samuel Lucas, *alias* Harry Schlicter, was sentenced to not less than five and not more than eight years in the Massachusetts State Prison. It was learned after their arrest that eight banks had suffered in a similar way to the Beverly National Bank, some of them as high as two hundred and seventy-five dollars. If the officials of a bank, at the time any fraud like the one mentioned was perpetrated upon them, would send a history of the case to

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the chief of this department, a notice containing such information as was necessary might be sent to all the banks in the State; it would put them on their guard, and thus they would be saved from a loss and annoyance they would otherwise suffer, and insure a greater chance of the perpetrator of the crime being caught.

For a number of years there have been many crimes committed in West Peabody, such as larcenies, breaking and entering, the burning of woods, barns and unoccupied houses. April 8 and 10, 1899, the summer house of John H. Howard, Esq., in North Reading, was entered at night. Mr. Howard and family were living away; a lot of the household goods were taken. From information received I got a warrant, and, in company with the chief of police of Peabody and North Reading, searched the house of Willard Spaulding in West Peabody, where we found Mr. Howard's goods. I arrested Spaulding, and he is now in the jail at Cambridge, awaiting trial on two counts of breaking and entering, and two counts of larceny in a building in Middlesex County. Much property was found in Spaulding's house that had been taken from the houses burned in West Peabody and Lynnfield, also from other places. He has been indicted by the grand jury of Essex County on twenty counts, ten of larceny, six of breaking and entering and four of arson, and probably will be tried on the same at the January term of the criminal court, at Salem.

Frank L. Weston, *alias* Arthur Shaw. Crime, larceny of a yacht from the harbor at Salem, in June. He was arrested in New York City while trying to sell the same. He was brought to Massachusetts on requisition papers for trial, found guilty and sentenced to eighteen months in the House of Correction.

Arthur Ford. Crime, robbery. In company with another man, he robbed an old man in Hamilton on the night of March 4, 1899, leaving him tied. Ford afterwards was sentenced to the House of Correction at Ipswich for drunkenness, and while there was identified by the man robbed as one of his assailants. He was tried, found guilty and sentenced to not less than five nor more than eight years in the Massachusetts State Prison.

Horace C. VanDenbergh. Crime, perjury in making a false affidavit in the transfer of some property. He was indicted by the grand jury of Essex County and arrested in Buffalo, New York, his home, by the process of requisition, taken before a judge of the supreme court; where he gave sureties in the sum of twenty-five dollars for his future appearance. The case was con-

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tinued to Oct. 9, 1899, and at that time it was expected he would be turned over to the officer from Massachusetts. He did not appear and his bonds were defaulted, but he came to Massachusetts and surrendered himself in court, and was placed under bonds in the sum of three thousand dollars for his future appearance.

I was detailed for special duty at Marlborough forty days during the strike; was also detailed for special duty at South Framingham, Northampton and Boxford.

Franklin and Hampshire Counties.

Officer James McKay was appointed on the force May 1, 1899. The following is a report of his work from that time: —

Total number of cases investigated, 44; total number of arrests, 17; total value of property recovered, $42.65; total number of days assigned on special duty, 20.

Among the most important cases investigated were the following: —

Maggie Ulaska. Crime, attempt to murder. Held for the grand jury.

Eugene Takahpuer. Crime, murder. Escaped arrest by committing suicide.

James A. Hill. Crime, felonious assault. Held for the grand jury.

Merritt L. Wood. Crime, embezzlement. Found guilty; sentenced to five months in the House of Correction.

James Montgomery. Crime, burglary. Held for the grand jury.

Charles F. King. Crime, breaking and entering and larceny. Found guilty; sentenced to the Massachusetts Reformatory.

Joe Gorski. Crime, exposing poison to horses. Held for the grand jury.

I have also worked on the Ellen Seerey murder case at Dedham. Defendants held for the grand jury and indicted. Now awaiting trial.

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Middlesex County.

Officer Jophanus H. Whitney returned to duty in the department (from a leave of absence granted when he entered the United States service) on April 4, 1899. The following is a report of his work from that time: —

Total number of cases investigated, 45; total number of arrests, 10.

Among the most important cases investigated were the following: —

Benjamin Thompson. Crime, rape. Thompson was arrested as a fugitive from justice, and turned over to the officers from the State of Maine.

In addition to the above, I was detailed to assist Officer Letteney to investigate the murder of James T. Whittemore. I have also been detailed for special duty twelve days.

Officer George Dunham. Total number of cases investigated, 71; total number of arrests, 38; total number of days assigned for special duty, 102.

Among the most important cases investigated were the following: —

Albert Taylor. Crime, common and notorious thief. Found guilty; sentenced to not less than four nor more than five years in the Massachusetts State Prison.

William T. True. Crime, obtaining money by false pretences. Found guilty; sentenced to the Massachusetts Reformatory.

Edward D. Murphy. Crime, obtaining money by false pretences. Found guilty; sentenced to one year in the House of Correction.

Fred. O. Wilson. Crime, breaking and entering and larceny. Found guilty; sentenced to three years in the House of Correction.

Morris Russin. Crime, receiving stolen property. Case pending.

Harry Goodwin. Crime, receiving stolen property. Case pending.

Simon Levine. Crime receiving stolen property. Case pending.

Harvey O. Briggs. Crime, larceny from building. Found guilty; sentenced to one year in the House of Correction.

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Norfolk and Plymouth Counties.

Officer George C. Pratt. Total number of cases investigated, 55; total number of arrests, 21; total value of property recovered, $210; total number of days detailed for special duty, 20.

Among the most important cases investigated were the following: —

WILLIAM J. YOUNG. Crime, murder. Case pending.

JOHN SEEREY. Crime, murder. Case pending.

JAMES SEEREY. Crime, murder. Case pending.

HENRY A. KEON. Crime, forgery. Found guilty; placed on file.

WILLIAM T. HOPE. Crime, larceny (four counts). Found guilty; sentenced to four months in the House of Correction.

E. S. MCQUADE. Crime, escaped from Massachusetts Reformatory. Found guilty; sentenced to sixteen months in the House of Correction.

JOHN D. GAFFANEY. Crime, perjury. Case pending.

MARY MCCULLER. Crime, perjury. Case pending.

GEORGE R. FEAREBAY. Crime, breaking and entering (two counts). Found guilty; sentenced to six years in the Massachusetts State Prison.

CORNELIUS DESMOND. Crime, larceny. Found guilty; sentenced to six months in the House of Correction.

WILLIE A. PRATT. Crime, larceny. Case pending.

JOHN E. WALSH. Crime, breaking and entering. Case pending.

Suffolk County.

Officer Frederick A. Rhoades, detailed for duty at headquarters, State House, Boston, Mass. Total number of cases investigated, 55; total number of arrests, 16; total number of days assigned for special duty, 49; total value of property recovered, $20.

Among the most important cases investigated were the following: —

HERMON L. CHASE. Crime, embezzlement. Case pending.

I was also detailed to assist Officer Letteney on the James T. Whittemore murder case at Barnstable.

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Worcester County.

Officer Peleg F. Murray. Total number of cases investigated, 43; total number of arrests, 17; total value of property recovered, $375.

Among the most important cases investigated were the following: —

James Candlin. Crime, breaking and entering. Found guilty; case placed on file.

Michael Galvin. Crime, manslaughter. Sentenced.

Thomas Hiney. Crime, manslaughter. Sentenced.

Kate Linehan. Crime, abandoning child. Found guilty; sentenced to one year in the Reformatory Prison for Women.

James Lowe. Crime, breaking and entering. Found guilty; sentenced to not less than four nor more than six years in the Massachusetts State Prison.

John Lombard. Crime, breaking and entering. Found guilty; sentenced to not less than four nor more than six years in the Massachusetts State Prison.

Joseph Reynolds. Crime, larceny from person. Found guilty; sentenced to two years and six months in the House of Correction.

Levi Montville. Crime, breaking and entering. Found guilty; sentenced to two years in the House of Correction.

Otis C. Bent. Crime, larceny. Found guilty; sentenced to two years in the House of Correction.

Hal Elexis Hollingsworth. Crime, murder. Indicted. Awaiting trial.

Daniel B. Dunn. Crime, arson. Held for the grand jury.

Peter King. Crime, murder. Found not guilty by reason of insanity, and was sent to the asylum for criminal insane at Bridgewater for life.

Report of Officer William H. Proctor.

I respectfully submit a report of the work performed by me during the past year. I have commanded the steamer "Lexington," and will state that there has not been any violation of the seining law in Buzzard's Bay. All violators of the lobster law from other States have been stopped from fishing in Massachusetts waters, and all that remains to be done, in my opinion, is to enact a lobster law that can be enforced to the letter, and give general satisfaction to the people of this Commonwealth.

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Total number of cases investigated, 37; total number of arrests, 28; amount of fines imposed by the courts, $1,000; sentenced to the House of Correction, 4; total value of property recovered, $2,100.

General Offences Prosecuted.

Consolidated Statistical Report.

Abandoning a child,	3
Abortion,	1
Adultery,	8
Arson,	3
Assault and battery,	23
Assault with intent to kill,	1
Bastardy,	1
Blackmail,	2
Breaking and entering,	33
Breaking and entering and larceny,	20
Capias,	1
Concealing death of child,	1
Contempt of court,	1
Common and notorious thief,	1
Cruelty to animals,	1
Defrauding boarding-house keeper,	1
Disturbing a public meeting,	4
Disturbing the peace,	38
Embezzlement,	3
Escaped prisoner,	1
Evading railroad fare,	1
Exposing poison to horses,	2
Felonious assault,	1
Forgery and uttering,	4
Fornication,	1
Fugitive from justice,	2
Highway robbery,	1
Idle and disorderly,	1
Illegal peddling,	16
Incest,	2
Insane,	1
Keeping a disorderly house,	2
Larceny,	40
Larceny from building,	4
Larceny from person,	3
Larceny of horse,	5
Lewd and lascivious,	4
Malicious mischief,	10
Manslaughter,	3
Murder,	4
Non-support of family,	2

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Obstructing an officer,	1
Obtaining money by false pretence,	4
Obtaining goods by false pretence,	1
Perjury,	3
Placing obstruction on railroad track,	1
Poisoning cattle,	4
Polygamy,	1
Practising as a physician, not being registered,	5
Promoting a dog fight,	1
Rape,	8
Receiving stolen property,	7
Selling a glandered horse,	1
Selling lottery tickets,	2
Stubborn child,	1
Threatening to kill,	1
Transfer of prisoners,	22
Trespass,	1
Vagabond,	1
Vagrant,	2
Violation of city ordinance,	1
Violation of the auctioneers' law,	1
Violation of the building inspection law,	1
Violation of the clothing law,	1
Violation of the engineers' law,	16
Violation of the fishery law,	29
Violation of the game law,	2
Violation of the insurance law,	4
Violation of the labor law,	12
Violation of the liquor law,	16
Violation of the Sunday law,	7
Violation of ticket of leave,	1
Total,	414

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Roster of the Massachusetts District Police.

RUFUS R. WADE, *Chief.*

Central Office: State House (room 3), Boston, entrance Derne Street.
Branch Offices: Edgartown, Fall River, Haverhill, Hyannis, Lee, Lowell, Lynn, Northampton, North Abington, North Adams, Salem, Springfield Taunton and Worcester.

Department of Inspection of Factories, Workshops and Public Buildings.

NAME.	District Assigned.	Residence.
John T. White,	District No. 1,	Arlington.
Henry J. Bardwell,	District No. 1,	Boston.
Joseph A. Moore,	District Nos. 2, 3 and 6,	Roslindale.
Edwin Y. Brown,	District No. 4,	East Boston.
Joseph M. Dyson,	District No. 5,	Worcester.
John E. Foulds,	District No. 6,	Fall River.
Warren S. Buxton,	District No. 7,	Springfield.
Ansel J. Cheney,	District No. 8,	Beverly.
Henry Splaine,	District No. 9,	Dorchester.
Frederick W. Merriam,	District No. 10,	North Adams.
Charles E. Burfitt,	District No. 1,	Boston.
Joseph Halstrick,	District No. 2,	Boston.
Naroy G. Burleigh,	District No. 3,	Boston.
Malcolm Sillars,	District No. 4,	Danvers.
Lewis F. F. Abbott,	District No. 5,	Worcester.
John F. Tierney,	District No. 6,	Fall River.
James R. Howes,	District No. 7,	Holyoke.
Edward B. Putnam,	District No. 8,	Chelsea.
John J. Sheehan,	District No. 9,	Salem.
Charles A. Dam,	District No. 10,	North Adams.
Frank C. Wasley,	District No. 11,	Lowell.
Mary E. Halley,	Special duty,	Lawrence.
Mary A. Nason,	Special duty,	Boston.

Department of Inspection of Ready-made Clothing.

John E. Griffin,	District No. 1,	Boston.
John H. Plunkett,	District No. 2,	Dorchester.

Boiler Inspection Department.

Thomas Hawley,	District No. 1,	Melrose.
David H. Dyer,	District No. 2,	Fall River.
Louis Amell,	District No. 3,	Worcester.
Freeman H. Sanborn,	District No. 4,	Chicopee.
Charles Ferguson,	District No. 5,	Malden.
John H. Kazar,	District No. 6,	Hyde Park.
Joseph H. McNeill,	District No. 7,	North Adams.
John McGrath,	District No. 8,	Roslindale.
Everett B. Dyer,	District No. 9,	Medford.
Sturgis E Baxter,	District No. 10,	Roslindale.

Detective Department.

Daniel W. Hammond,	Eastern District,	Haverhill.
George C. Neal,	Eastern District,	Lynn.
Jophanus H. Whitney,	Northern District,	Medford.
George Dunham,	Northern District,	Newtonville.
James McKay,	Northwestern District,	Northampton.
Peleg F. Murray,	Middle District,	Worcester.
Simeon F. Letteney,	Southern District,	Hyannis.
Thomas A. Dexter,	Southern District,	Edgartown.
Alfred B. Hodges,	Southern District,	Taunton.
George C. Pratt,	Southeastern District,	North Abington.
Frederick A. Rhoades,	Suffolk County,	Malden.
William H. Proctor,	Special duty,	Swampscott.
Moses H. Pease,	Western District,	Lee.

Clerk, James P. Campbell, Boston.
Assistant Clerk, James W. Hoitt, Lynn.
Clerk of Boiler Inspection Department and Storehouse, Belle C. Davis, Medford.
Storehouse Employees, John Coughlan and Terrance McSweeney, Boston.

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The Disposition of Forfeited Liquors.

Section 38 of chapter 100 of the Public Statutes provides as follows: —

Any liquors so forfeited shall, by the authority of the written order of the trial justice or court, be delivered to the chief of the district police. Said officer shall sell the same and pay over the net proceeds to the treasurer of the Commonwealth.

The Legislature of 1887 passed an act providing for the seizure of implements and furniture used in the illegal selling of intoxicating liquors, which is as follows: —

[Chapter 406.]

An Act providing for the Seizure of Implements and Furniture used in the Illegal Selling of Intoxicating Liquors.

Be it enacted, etc., as follows:

Section 1. Section thirty of chapter one hundred of the Public Statutes is hereby amended by inserting after the word "contained" in the fifteenth line of said section the words: and all implements of sale and furniture used in the sale of such liquor.

Section 2. Section thirty-three of chapter one hundred of the Public Statutes is hereby amended by inserting after the word "contained" in the third line of said section the words: and all implements of sale and furniture used in the sale of such liquor.

Section 3. This act shall take effect upon its passage. [*Approved June 13, 1887.*

Complete records are made and preserved of every transaction, from the time of the seizure of the liquors to their final disposition under the law, and it would seem to be impossible for any improper use to be made of them.

Under the amendment of the law, chapter 53, Acts of 1887, the expenses of transportation must be paid from the sales of the liquors and vessels received. In obedience to the above law, I have received from the officers of the Commonwealth all liquors, and the vessels containing the same, which have been delivered to me as having been seized and forfeited by virtue of said act, giving my receipt for the same.

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I annex a schedule showing the cities and towns from which the liquor has been received, and the quantity that has been turned over to me up to the present date: —

Forfeited Liquors from Dec, 1, 1898, to Dec. 1, 1899.

CITY OR TOWN.	Number of Seizures.	Spirituous.				Malt.			
		Gallons.	Quarts.	Pints.	Gills.	Gallons.	Quarts.	Pints.	Gills.
Abington,	13	13	–	–	–	127	3	1	–
Acton,	1	–	1	–	–	–	–	–	–
Arlington,	4	1	3	–	1	13	1	1	2
Ashland,	1	–	2	–	–	15	–	–	–
Athol,	7	3	1	1	–	18	–	–	–
Attleborough,	3	–	3	1	1	6	–	1	3
Auburn,	1	–	–	–	–	4	–	–	–
Avon,	20	16	2	–	–	112	1	–	–
Bellingham,	1	–	1	1	–	–	1	–	–
Beverly,	7	32	1	1	2	–	–	–	–
Billerica,	1	–	1	–	–	18	3	–	–
Boston,	249	119	–	–	3	3,314	3	1	1
Bourne,	2	5	1	1	–	10	–	–	–
Boxford,	2	1	–	–	–	15	2	–	–
Boylston,	1	–	1	–	–	10	–	–	–
Braintree,	7	9	2	1	2	65	2	–	–
Brockton,	13	12	2	–	–	58	1	1	–
Brookfield,	3	2	2	–	–	9	–	–	–
Brookline,	4	3	2	1	–	139	3	–	–
Cambridge,	8	4	1	1	1	73	–	1	2
Carver,	1	–	–	–	–	–	3	–	–
Chatham,	5	6	3	1	–	–	3	1	–
Chelmsford,	5	–	–	–	2	131	–	1	–
Chelsea,	22	12	2	1	3	57	1	1	1
Chester,	1	–	–	–	–	12	2	–	–
Clinton,	9	42	2	–	1	92	2	–	–
Cohasset,	2	34	–	1	–	8	–	–	–
Cottage City,	1	23	2	–	–	–	–	–	–
Dartmouth,	2	1	3	–	2	6	1	1	–
Dedham,	4	1	1	1	1	20	–	–	–
Dracut,	3	116	3	–	–	23	–	–	–
East Bridgewater,	1	1	–	1	2	–	–	–	–
Easton,	2	1	–	–	–	27	2	–	–
Everett,	4	1	2	–	2	5	2	1	–
Fairhaven,	1	–	–	–	2	4	–	–	–
Fall River,	19	4	3	–	–	109	1	–	2
Falmouth,	2	22	2	–	–	42	1	–	–
Fitchburg,	52	107	3	1	–	93	3	1	2
Foxborough,	4	–	1	1	–	35	1	–	–
Framingham,	22	3	3	1	1	97	–	–	1
Franklin,	4	4	3	1	–	29	2	–	–
Gardner,	1	–	1	–	–	–	–	–	–
Georgetown,	1	12	2	–	–	46	1	–	–
Gloucester,	45	9	–	–	1	108	3	1	3
Hanson,	1	1	–	1	–	8	3	1	–

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Forfeited Liquors, etc. — Continued.

CITY OR TOWN.	Number of Seizures.	Spirituous.				Malt.			
		Gallons.	Quarts.	Pints.	Gills.	Gallons.	Quarts.	Pints.	Gills.
Holbrook,	2	2	3	-	1	6	-	1	-
Holliston,	1	-	-	-	-	-	-	1	-
Holyoke,	32	12	-	1	3	178	1	1	2
Hull,	10	75	-	1	-	47	3	-	2
Hyde Park,	6	9	2	-	2	11	3	-	-
Ipswich,	1	-	2	-	-	1	-	-	-
Kingston,	2	9	2	-	-	10	2	-	-
Lawrence,	2	52	-	-	-	-	-	-	-
Lee,	3	3	1	-	2	16	3	-	-
Leicester,	1	-	-	-	-	-	3	-	-
Lenox,	1	-	-	-	-	7	-	-	-
Leominster,	12	32	3	1	-	94	1	-	1
Lowell,	138	340	2	1	3	1,416	-	-	-
Lunenburg,	1	-	1	1	-	3	-	-	-
Lynn,	66	25	-	-	2	411	-	-	2
Malden,	37	4	1	1	2	232	1	-	-
Mansfield,	2	1	-	-	-	117	2	-	-
Marblehead,	4	1	2	1	-	15	-	-	-
Marlborough,	15	6	2	1	2	118	2	1	1
Marshfield,	1	2	1	1	2	44	-	1	-
Medford,	2	-	-	-	-	7	2	-	-
Medway,	5	17	-	-	-	12	1	-	-
Melrose,	8	3	-	-	-	2	-	-	2
Milford,	4	1	3	1	-	206	-	-	-
Millbury,	2	1	-	1	2	4	-	1	-
Natick,	4	1	1	-	2	54	-	-	-
Needham,	2	-	-	1	3	-	-	-	-
New Bedford,	4	1	-	1	-	55	-	-	-
Newburyport,	1	-	-	-	-	6	-	-	-
Newton,	2	-	-	1	1	46	-	-	-
North Adams,	4	4	2	1	2	6	-	1	-
Northborough,	2	1	1	-	2	13	-	-	2
North Brookfield,	1	-	-	-	2	1	2	-	-
Northfield,	1	-	3	-	-	15	-	-	-
Norwood,	3	10	-	-	-	1	-	-	-
Peabody,	22	14	-	-	1	61	3	1	2
Pembroke,	1	-	2	-	-	31	-	-	-
Pepperell,	1	1	2	-	-	-	-	-	-
Plymouth,	8	5	2	-	3	96	3	-	-
Plympton,	1	-	2	1	2	-	-	-	-
Provincetown,	2	1	-	-	-	13	-	-	-
Quincy,	6	4	2	1	-	21	-	-	-
Randolph,	5	2	2	-	2	18	3	-	-
Raynham,	4	5	-	-	2	74	-	-	-
Revere,	23	3	-	-	-	139	-	-	3
Rockland,	4	2	1	-	2	64	-	1	-
Rockport,	1	4	-	-	-	4	-	-	-
Rutland,	1	1	2	-	-	-	2	-	-
Salem,	38	41	2	1	2	232	-	-	1
Salisbury,	8	2	-	1	-	12	1	-	-

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Forfeited Liquors, etc. — Concluded.

CITY OR TOWN.	Number of Seizures.	Spirituous.				Malt.			
		Gallons.	Quarts.	Pints.	Gills.	Gallons.	Quarts.	Pints.	Gills.
Saugus,	3	18	2	-	-	26	-	-	-
Sheffield,	1	-	1	1	-	18	-	-	-
Shirley,	4	5	3	-	1	23	2	-	-
Shrewsbury,	1	4	1	1	-	54	2	-	-
Somerville,	6	4	-	-	-	33	3	-	-
Southborough,	3	-	-	1	-	42	-	-	-
South Hadley,	2	-	1	-	-	15	-	-	-
Stockbridge,	1	-	2	-	2	1	2	-	-
Stoneham,	3	-	3	1	2	40	1	-	-
Swampscott,	1	-	-	-	-	86	-	-	-
Taunton,	9	44	2	-	1	133	-	-	-
Templeton,	1	-	-	-	-	-	2	-	-
Tewksbury,	1	-	-	-	2	-	2	1	-
Townsend,	3	-	2	-	2	3	1	1	-
Tyngsborough,	2	-	-	-	-	63	2	1	-
Upton,	1	-	-	-	-	6	2	-	-
Uxbridge,	2	-	-	-	-	80	-	-	-
Wakefield,	1	-	-	-	-	10	-	-	-
Walpole,	1	-	-	-	-	43	-	-	-
Waltham,	13	10	2	1	2	59	2	-	1
Ware,	6	2	1	-	2	45	-	-	-
Warren,	8	16	2	-	-	3	1	1	-
Westborough,	1	2	2	-	-	7	-	-	-
West Bridgewater,	1	-	1	-	-	-	2	-	-
Westfield,	2	3	2	1	-	17	3	-	-
Westminster,	5	127	1	1	2	46	1	-	-
Weston,	1	-	-	-	-	48	3	1	-
Weymouth,	10	23	3	1	-	41	2	-	-
Williamstown,	2	7	2	-	-	18	2	-	-
Winchendon,	10	18	3	1	-	36	2	1	-
Winchester,	2	-	-	-	-	11	3	-	-
Winthrop,	1	-	1	1	-	-	-	-	-
Woburn,	17	4	2	-	-	181	2	-	-
Worcester,	90	18	2	1	1	449	1	1	2
Wrentham,	3	1	-	1	2	9	-	-	-
Total,	1,287	1,670	-	-	1	10,560	3	1	2

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Appropriations and Expenditures.

	Appropriations.	Expenditures.
Compensation of officers, ...	$76,600 00	$76,264 89
Travel, ...	23,300 00	21,589 10
Contingent, ...	2,000 00	1,991 66
	$101,900 00	$99,845 65
Amount expended less than appropriation, .	. . .	2,054 35

Amount received through the boiler inspection department, as fees for examination of engineers and the inspection of boilers, and paid into the State treasury, ... $13,142 00

Conclusion.

It would not be fitting to close this report without some proper expression of my approval of the zeal and fidelity of the members of the district police force. Their work has met with suitable recognition from those in authority and all others who are familiar with its results. There is harmony and loyalty in such degree that I can cheerfully commend the discipline and labor of the force.

My thanks are cordially tendered to the Hon. Attorney-General for such advice as I have sought and obtained from the law department of the Commonwealth.

Respectfully submitted,

RUFUS R. WADE,
Chief Massachusetts District Police.

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